# Pioneer

# N-P01-S/-K | NETWORK AUDIO PLAYER

# XN-P02-S/-K
# XN-P02DAB-S/-K | NETWORK RECEIVER

AirPlay

Made for iPod iPhone iPad

Bluetooth®

aptX® CSR

Wi-Fi CERTIFIED

Wi-Fi PROTECTED SETUP

dlna CERTIFIED

Discover the benefits of registering your product online at **http://www.pioneer.co.uk** (or **http://www.pioneer.eu**).

Operating Instructions

## CAUTION

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.                          D3-4-2-1-1_B1_En

## WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.
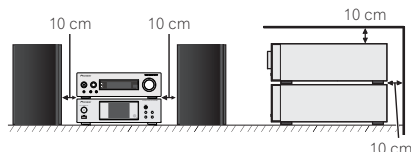
D3-4-2-1-3_A1_En

## WARNING

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

D3-4-2-1-7a_A1_En

## VENTILATION CAUTION
## (XN-P02, XN-P02DAB only)

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (at least 10 cm at top, 10 cm at rear, and 10 cm at each side).



## (N-P01 only)

When installing this unit, make sure to leave space around the unit for ventilation to improve heat radiation (side 10 cm, rear 10 cm, top 5 mm).

## WARNING

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

D3-4-2-1-7b*_A1_En

## Operating Environment

Operating environment temperature and humidity:
+5 ℃ to +35 ℃ (+41 ℉ to +95 ℉); less than 85 %RH (cooling vents not blocked)
Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light).

D3-4-2-1-7c*_A2_En

## CAUTION

The ⏻/I **STANDBY/ON** switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-2a*_A1_En

### XN-P02, XN-P02DAB only

#### For Norway customers

Utstyr som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til kabel-TV nettet installeres en galvanisk isolator mellom utstyret og kabel-TV nettet.

#### For Sweden customers

Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand.

För att undvika detta skall vid anslutning av utrustningen till kabel-TV nät galvanisk isolator finnas mellan utrustningen och kabel-TV nätet.

D3-11-15-5-2_A1_En

## WARNING

Store small parts out of the reach of children and infants. If accidentally swallowed, contact a doctor immediately.

D41-6-4_A1_En

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

K041_A1_En

## POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

S002*_A1_En

**2**

## Information for users on collection and disposal of old equipment and used batteries

(Symbol for equipment)

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

(Symbol examples for batteries)

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.
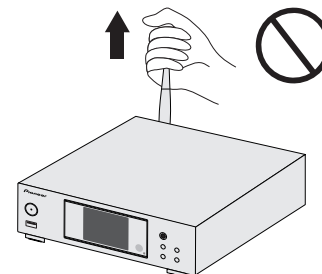
**These symbols are only valid in the European Union.**

**For countries outside the European Union:**

If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

**Pb**

K058a_A1_En

Do not lift this device by holding the wireless LAN antenna, since damage or personal injury may result.

### Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (Microwave ovens and Cordless phones, etc.). In this event noise appears in your television image, there is the possibility this unit (including products supported by this unit) is causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and this unit (including products supported by this unit).

• Pioneer is not responsible for any malfunction of the compatible Pioneer product due to communication error/malfunctions associated with your network connection and/or your connected equipment. Please contact your Internet service provider or network device manufacturer.

• A separate contract with/payment to an Internet service provider is required to use the Internet.

# Contents

Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly.

# Before you start

## About this product

### XN-P02 or XN-P02DAB

XN-P02 or XN-P02DAB Network Receiver System consists of Stereo receiver and Network audio player.
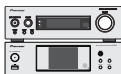
Stereo receiver:
SX-P01/SX-P01DAB
Network audio player:
N-P01

### N-P01

N-P01 Network Audio Player consists of the main unit.

### ♪ Note

• The product may be used in conjunction with the following, separately retailed system products. (N-P01 only)

### CD RECEIVER SYSTEM XC-P01

• Stereo receiver: SX-P01
• CD Player: PD-P01

### CD RECEIVER SYSTEM XC-P01DAB

• Stereo receiver: SX-P01DAB
• CD Player: PD-P01

## Checking what's in the box

Please check that you've received the following supplied accessories:
• Remote control
• Power cord
• AAA size IEC R03 dry cell batteries (to confirm system operation) x 2
• RCA audio cable
• WLAN antenna x 2
• Remote control cable
• Warranty card
• Quick Start Guide
• These operating instructions (CD-ROM)
• FM wire antenna (XN-P02 only)
• DAB/FM wire antenna (XN-P02DAB only)

## Loading the batteries
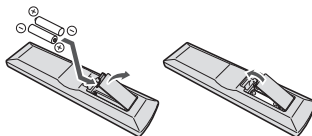
The batteries included with the player have been provided to allow you check product operation and may not last long. We recommend using alkaline batteries that have a longer life.

### ⚠ WARNING

• Do not use or store batteries in direct sunlight or other excessively hot place, such as inside a car or near a heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries.

### ⚠ CAUTION

• Incorrect use of batteries may result in such hazards as leakage and bursting. Observe the following precautions:
  – Never use new and old batteries together.
  – Insert the plus and minus sides of the batteries properly according to the marks in the battery case.
  – Batteries with the same shape may have different voltages. Do not use different batteries together.
  – When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.
  – When inserting the batteries, make sure not to damage the springs on the battery's ⊖ terminals. This can cause batteries to leak or over heat.

## Operating range of remote control

The remote has a range of about 7 m at an angle of about 30° from the remote sensor.
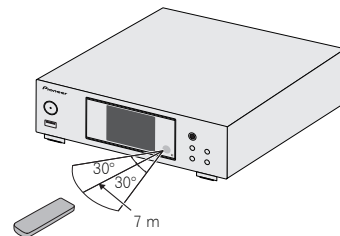
Keep in mind the following when using the remote control:
• Make sure that there are no obstacles between the remote and the remote sensor on the player.
• Remote operation may become unreliable if strong sunlight or fluorescent light is shining on the player's remote sensor.
• Remote controllers for different devices can interfere with each other. Avoid using remotes for other equipment located close to this player.
• Replace the batteries when you notice a fall off in the operating range of the remote.

## Remote control

There are functions which can be operated only when the remote control is set in either of the network audio player control mode, stereo receiver control mode or CD player control mode, and functions which can be operated regardless of the mode of the remote control.

### Buttons for general operations

The following functions are available regardless of the mode of the remote control.
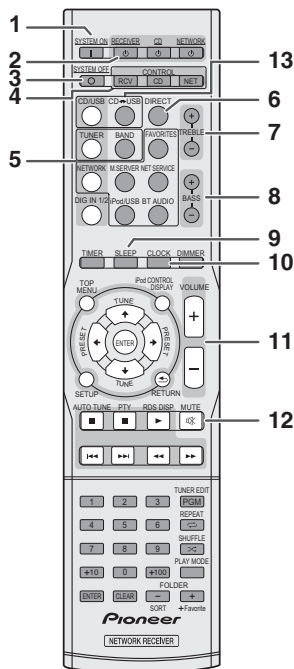


**1   SYSTEM ON**
Press to turn on the stereo receiver, network audio player and CD player (page 44).

**2   STANDBY/ON**

**RECEIVER** – Press to turn on and off the stereo receiver (page 44).

**CD** – Press to turn on and off the CD player.

**NETWORK** – Press to turn on and off the network audio player (page 21).

**3   SYSTEM OFF**
Press to turn off the stereo receiver, network audio player and CD player (page 44).

**4   Remote control mode selection buttons**

**CONTROL RCV** – Press to operate the functions available only in the stereo receiver control mode.

**CONTROL CD** – Press to operate the functions available only in the CD player control mode.

**CONTROL NET** – Press to operate the functions available only in the network audio player control mode.

**<Stereo receiver SX-P01, SX-P01DAB only>**

**5   Input function buttons**
Use to select the input source to this receiver (page 45).

**6   DIRECT**
Use to listen to the sound source in the original sound quality (page 45).

**7   TREBLE +/−**
Press to adjust the treble (page 45).

**8   BASS +/−**
Press to adjust the bass (page 45).

**9   SLEEP**
Press to select the amount of time before the stereo receiver turn off (**Off – 30 min. – 60 min. – 90 min.**). You can check the remaining time by pressing **SLEEP** once (page 46).

**10 CLOCK**
Press to check the current time (page 44).

**11 Volume control buttons**
Use to adjust the listening volume (page 44).

**12 MUTE**
Use to Mute the volume (page 45).

**<CD player PD-P01 only>**

**13 CD ↔ USB**
Press to select the CD or iPod/USB function for the CD player.

**Note**
• The supplied remote control can be used to control the network audio player (N-P01), stereo receiver (SX-P01, SX-P01DAB), and CD player (PD-P01).

## Buttons available for the network audio player control mode

The following functions are available only when the remote control is in the network control mode.

### 🔧 Important

• Press the **CONTROL NET** button before pressing the following buttons.
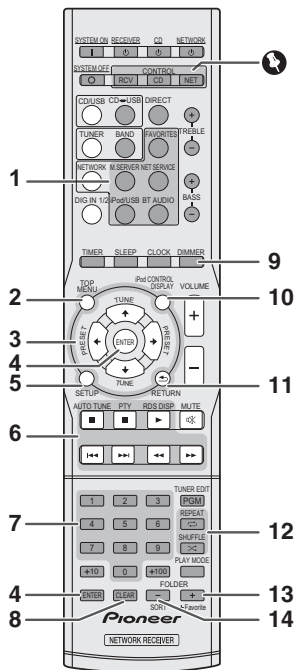


**1 Input function buttons**
Use to select the input source to this player.

**2 TOP MENU**
Displays the top menu of each input source.

**3 ↑/↓/←/→**
Use to select/switch system settings and modes, and to confirm actions.

**4 ENTER**
Press to confirm actions.

**5 SETUP**
Press to access the player setup menu (page 21).

**6 Playback control buttons**
The main buttons (►, ■, etc.) are used to control each function after you have selected it using the input function buttons.

**7 Numeric buttons**
Use to enter the number.

**8 CLEAR**
Use to select/switch system settings.

**9 DIMMER**
Make the display brighter, darker, or turn it off altogether. The brightness can be controlled in four steps (page 14).

**10 iPod CONTROL**
Switches between the iPod controls and the player controls (page 16).

**11 RETURN**
Exit the current menu screen.

**12 Playback mode buttons**

**REPEAT** – Press to change repeat play setting from a iPod, USB, Internet Radio, Music Server or Favorites.

**SHUFFLE** – Press to change shuffle play setting from a iPod, USB, Internet Radio, Music Server or Favorites.

**13 +Favorite**
When using the Internet Radio or Music Server functions, use to add an audio file or a station to Favorites function (page 27, 29).

**14 SORT**
When using the Music Server function, allows tracks to be sorted if the DLNA server supports the sort function.

## Buttons available for the stereo receiver control mode

The following functions are available only when the remote control is in the stereo receiver control mode.

### ⚠ Important

- Press the **CONTROL RCV** button before pressing the following buttons.
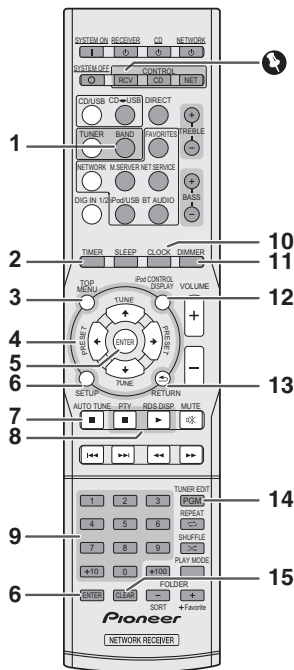


**1 BAND**
N-P01:Switches between FM ST (stereo) and FM MONO radio bands (page 47, 48).
XN-P02, XN-P02DAB: Switches between FM ST (stereo) and FM MONO, and DAB radio bands (page 49).

**2 TIMER**
Press to set the wake-up timer or check the current setting (page 46).

**3 TOP MENU**
Press to display the DAB setting menu (XN-P02DAB only) (page 50).

**4 ↑/↓/←/→**
Use to select system setting and switch modes.

> **TUNE ↑/↓** – Use to find radio frequencies (page 47, 49).
>
> **PRESET ←/→** – Use to select preset radio stations (page 47).

**5 ENTER**
Press to confirm actions.

**6 SETUP**
Press to access the setup menu (page 45, 51).

**7 AUTO TUNE**
Press to start the DAB auto scan (XN-P02DAB only) (page 49).

**8 RDS function buttons**

> **PTY** – Use to search for RDS program types (page 48).
>
> **RDS DISP** – Press to display the different types of RDS information available (page 48).

**9 Numeric buttons**
Use to enter the number.

**10 CLOCK**
Press to set the clock (page 44).

**11 DIMMER**
Press to adjust the brightness of the display (page 44).

**12 DISPLAY**
Press to display information of the current mode (page 48, 49).

**13 RETURN**
Press to exit the current menu screen.

**14 TUNER EDIT**
Use to memorize/name stations for recall (page 47).

**15 CLEAR**
Press to clear the specified settings.

### ✍ Note

- Stereo receiver control mode can only be used by customers using the stereo receiver (SX-P01, SX-P01DAB).

## Buttons available for the CD player control mode

The following functions are available only when the remote control is in the CD player control mode.

### ⚡ Important

• Press the **CONTROL CD** button before pressing the following buttons.
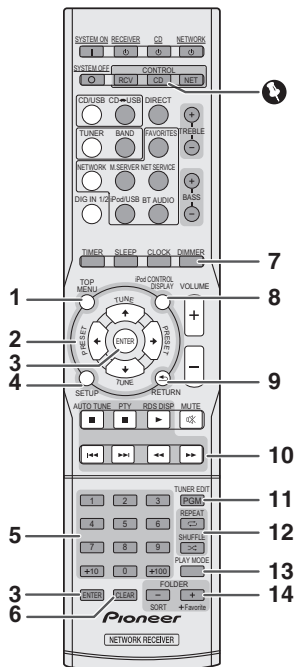


**1 TOP MENU**
Press to display the iPod/iPhone/iPad mini top menu.

**2 ↑/↓/←/→**
Use to select system setting and switch modes.

**3 ENTER**
Press to confirm actions.

**4 SETUP**
Press to access the setup menu.

**5 Numeric buttons**
Use to enter the number.

**6 CLEAR**
Press to clear a programmed track.

**7 DIMMER**
Press to adjust the brightness of the display.

**8 DISPLAY**
Press to display information of the current mode.

**9 RETURN**
Press to exit the current menu screen.

**10 Playback control buttons**
Use buttons to control playback.

**11 PGM**
Press to set programmed playback.

**12 Playback mode buttons**
**REPEAT** – Press to repeat the playback of track/file.
**SHUFFLE** – Press to shuffle the playback order of tracks/files.

**13 PLAY MODE**
Press to enter the folder playback mode.

**14 FOLDER +/−**
Use to select a folder of a MP3/WMA disc or of a USB mass storage device.

### ✐ Note

• CD player control mode can only be used by customers using the CD player (PD-P01).

# 1 Controls and displays (Network audio player: N-P01)

## Front panel



1 2     3    4 5   6
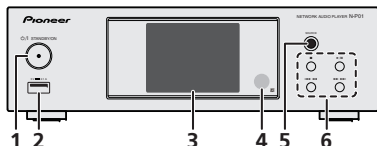
### 1 STANDBY/ON button
Switches the player between standby and on (page 14).

### 2 USB terminal
Use to connect your USB mass storage device or iPod/iPhone/iPad as an audio source (page 12, 20).

### 3 Display
See *Display* below.

### 4 Remote sensor
Receives the signals from the remote control (page 5).

### 5 SOURCE
Select the input source (page 14).

### 6 Playback control button
Select the desired track or folder to be played back. Use ■ to stop the playback. Use ▶/❙❙ to stop playback or resume playback from the pause point.

## Display



### 1 Input source

### 2 Network connection status

When the player is connected to the wired network, this indicator lights (page 12).

When the player that is connected to the LAN cable is not connected to the network, this indicator lights. When the LAN cable is not connected to this player, this indicator does not light (page 12).

When the player is connected to the wireless network, this indicator lights. Depending on the strength of wireless signal, the icon changes in five steps (page 12).

When the player is not connected to the wireless network, this indicator lights (page 12).

Displayed when the wireless network settings for the player are still set to their initial settings. See (page 21) for details on performing wireless settings.

### 3 Name of file/track/artist/album/station, etc.

### 4 Artwork
Displayed when the currently playing file includes an album jacket image, etc.

### 5 Repeat and Shuffle
Repeat all files.

Repeat a file.

Shuffle

### 6 Play status
Displays the play status. The play status differs depending on the input source.

## ⚠ CAUTION

- Be sure to turn off the power and unplug the power cord from the power outlet whenever making or changing connections.
- Connect the power cord after all the connections between devices have been completed.



Supplied WLAN antenna    Supplied WLAN antenna

To AC outlet

Power cord
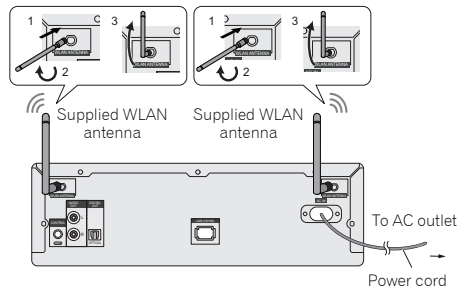
## WLAN antenna connection

Connect the WLAN antenna to the **WLAN ANTENNA** terminal.

Please always use the supplied WLAN antenna.

## Analog audio output connections

By connecting this unit's analog audio output to the analog audio input of an amplifier, you can use the amplifier to enjoy analog audio produced from this unit.

### ✐ Note

- If you are using the XN-P02 or XN-P02DAB, please refer to the connection method shown on .
- If you are using in combination with the XC-P01 or XC-P01DAB, please refer to the connection method shown on .



AUDIO INPUT
R  ANALOG  L
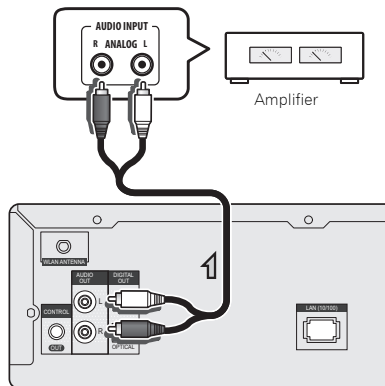
Amplifier

## Digital audio output connections

By connecting this unit's digital audio output to the digital audio input of an AV receiver or D/A converter, etc, you can use the amplifier to enjoy digital audio produced from this unit.



DIGITAL IN
OPTICAL

AV receiver, D/A converter, etc.
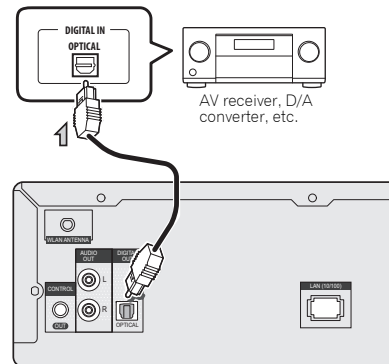
### ✐ Note

- Digital signal formats that can be output from this unit include linear PCM signals with sampling rate and quantitative bits up to 192 kHz/24 bits (depending on the connected device and environment, operation may not be successful).
- Digital audio signals that can be output from this unit's **DIGITAL OUT** connectors include the following inputs: **iPod/USB** (*1), **Internet Radio**, **Spotify** and **Music Server** (*1).
  *1: Not including DSD file playback
- When you select **BT audio**, **USB** or **Music Server** and playback a DSD file, no signal will be output from the unit's DIGITAL OUT (OPTICAL) connector. Please use the AUDIO OUT connector.

**11**

## Connecting USB storage devices

It is possible to listen to two-channel audio using the USB terminal on the front of this player.

**1** **Connect your USB device to the USB terminal on the front panel of this player.**

 • This player does not support a USB hub.



USB storage device
(commercially available)
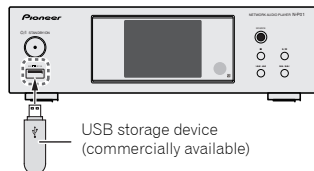
## Connecting to the network through the LAN interface or WLAN antenna

By connecting this player to the network via the LAN interface or WLAN antenna, you can play back audio files stored on components on the network, including your PC, and listen to Internet radio stations.

Connect the LAN terminal on this player to the LAN terminal on your router (with or without the built-in DHCP server function) with a straight LAN cable (CAT 5 or higher). Also wireless connection to the network is possible.

Requires network settings to be performed. For details, See *Playback with NETWORK features (Network audio player: N-P01) on page 21*

### ⫶ Note

 • If you are not using network functions then it is recommended that you set Network Type to Wired under Network Setting.
 • To use services such as Internet radio, you must conclude a contract with an Internet service provider.
 • Photo or video files cannot be played back.
 • With Windows Media Player 12, you can even play back copyrighted audio files on this player.

## Connecting using LAN cable



Internet
Modem
Router
LAN cable
(commercially
available)
Computer
This player's rear
panel
LAN (10/100)

## Connecting using wireless LAN



Internet
Modem
Wireless LAN
router
Computer
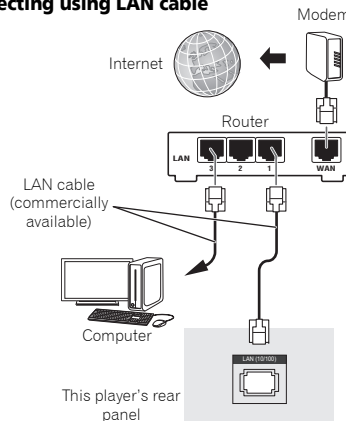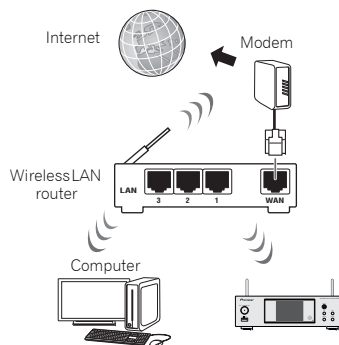
## Using centralized control with other Pioneer components

Multiple Pioneer components equipped with **CONTROL IN/OUT** jacks can be connected to the unit, allowing centralized control of the components via the remote sensor on the unit. This also allows remote control of components not equipped with a remote sensor, or installed in places where the component's remote sensor cannot be accessed.

### ⫶ Note

 • If you are using the XN-P02 or XN-P02DAB, please refer to the connection method shown on .
 • If you are using in combination with the XC-P01 or XC-P01DAB, please refer to the connection method shown on .



To other Pioneer component equipped with CONTROL IN jack

Other Pioneer component equipped with CONTROL IN/OUT jacks

CONTROL

N-P01

Aim remote control at the sensor on the unit.

Remote control
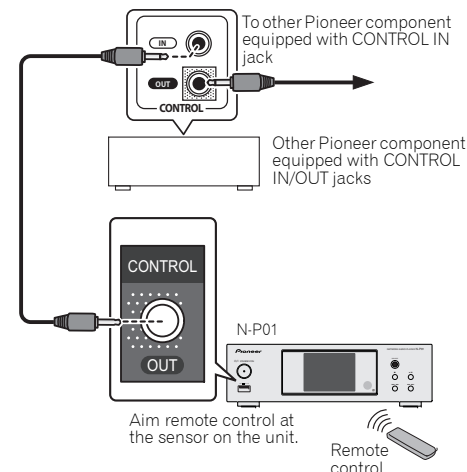
### ⫶ Note

 • For connections use a supplied monaural miniplug cord (without resistor).

• When connecting the **CONTROL IN/OUT** jacks, commercially available audio cords must also be used to make analog connections. Merely connecting the **CONTROL IN/OUT** jacks alone will not allow proper system control.

## Using combined with the XC-P01 or XC-P01DAB

• Connect the stereo receiver (SX-P01, SX-P01DAB) and network audio player (N-P01) using the supplied remote control cable and RCA audio cable.

N-P01



SX-P01 or SX-P01DAB

CD Player (PD-P01)

### ⚜ Note

• When the stereo receiver (SX-P01, SX-P01DAB) and network audio player (N-P01) are connected using the remote control cable, the stereo receiver remote control signal receiver will not function. Point the remote control at the remote control signal receiver on the network audio player.
• When connecting to the control connector, you must also connect the audio cable (analog connection). Only connecting to the control connector will not allow for correct system control.

• Connecting the remote control cable will allow the Pioneer ControlApp to be used, providing simple control over the stereo receiver (SX-P01, SX-P01DAB) via the network audio player (N-P01). Refer to for details of the Pioneer ControlApp.
• If the network audio player's quick start setting is Off then you will be unable to control the stereo receiver or CD player.
  Turn the network audio player's quick start setting On and you will be able to control them.

## Plugging in

Before making or changing the connections, switch off the power and disconnect the power cord from the AC outlet.
After you've finished making all connections, plug the player into an AC outlet.



Power cord

To AC outlet

This player's rear panel
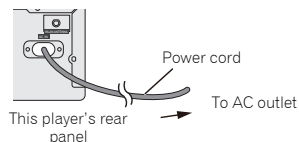
## Setting the player

When you use the player for the first time, the following screens will be displayed.

Set up the following items to customize the player.

**1 Press ⏻ NETWORK.**

The power indicator flashes slowly. About twenty seconds after turning on the power, the following screen appears. About thirty seconds are required between turning the power on and completion of startup.



### When powering up for the first time

When you turn on the power to the player for the first time, initial settings will be automatically performed, thus startup will take about 1 minute.

• After the Pioneer logo is displayed, the screen will go dark. The start up process is complete once the Pioneer logo is displayed a second time.

### Auto Power Off setup

Set to automatically turn off the player after a specified time has passed (when the power has been on with no operation for the set period of time).

• Default setting: 15 min

**1 Press NET SERVICE, then press SETUP on the remote control.**

The Initial Setup menu is shown on the display.

**2 Select 'Option Setting' from Initial Setup menu.**

**3 Select 'Power Off Setting' from Option Setting menu.**

**4 Select 'Auto Power Off' from Power Off Setting menu.**

**5 Use ↑/↓ to specify the amount of time to allow before the power is turned off (when there has been no operation), then press ENTER.**

Select 15 minutes (default setting) or 30 minutes, 60 minutes or OFF.

**6 When you're finished, press RETURN.**

## General control

### Input function

When pressing **SOURCE** button on the player, the current function will change to different mode. Press **SOURCE** button repeatedly to select desired function. The selected input is displayed on the front panel display.

iPod/USB ⟶ Music Server ⟶ Internet Radio

↑                                        ↓

BT Audio ⟵ Favorites ⟵ Spotify
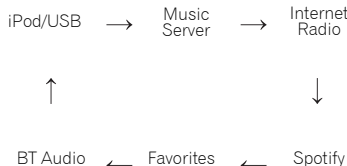
### Note

• The backup function will protect the memorised function mode should there be a power failure or the AC power cord becomes disconnected.

### Display brightness control

Press the **CONTROL NET** button on the remote control. Press **DIMMER** button to dims the display brightness. The brightness can be controlled in four steps.

# 4 iPod/iPhone/iPad playback (Network audio player: N-P01)

Merely by connecting your iPod/iPhone/iPad to this player, you can enjoy high-quality sound from your iPod/iPhone/iPad.

## Confirming what iPod/iPhone/iPad models are supported

The iPod/iPhone/iPad playable on this player are shown below.

| iPod/iPhone/iPad | Audio | Control |
|---|---|---|
| iPod nano 3G/4G/5G/6G/7G | ✓ | ✓ |
| iPod touch 1G/2G/3G/4G/5G | ✓ | ✓ |
| iPhone 3GS | ✓ | ✓ |
| iPhone 4 | ✓ | ✓ |
| iPhone 4s | ✓ | ✓ |
| iPhone 5 | ✓ | ✓ |
| iPhone 5c | ✓ | ✓ |
| iPhone 5s | ✓ | ✓ |
| iPad mini | ✓ | ✓ |
| iPad mini with Retina Display | ✓ | ✓ |
| iPad 2 | ✓ | ✓ |
| iPad (3rd generation) | ✓ | ✓ |
| iPad (4th generation) | ✓ | ✓ |
| iPad Air | ✓ | ✓ |

### Note

- USB works with iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPhone 3GS, iPad Air, iPad (3rd and 4th generation), iPad 2, iPad mini with Retina Display, iPad mini, iPod touch (1st through 5th generation) and iPod nano (3rd through 7th generation). However, some of the functions may be restricted for some models. The player is not compatible with the iPod shuffle.
- This player has been developed and tested for the software version of iPod/iPhone/iPad indicated on the website of Pioneer (http://pioneer.jp/homeav/support/ios/eu/).
- Installing software versions other than indicated on the website of Pioneer to your iPod/iPhone/iPad may result in incompatibility with this player.
- iPod, iPhone and iPad are licensed for reproduction of noncopyrighted materials or materials the user is legally permitted to reproduce.
- Features such as the equalizer of iPod/iPhone/iPad cannot be controlled using this player, and we recommend switching the equalizer off before connecting.

**1 Select "Settings" from the top menu.**
You can confirm your software version by operating your iPod/iPhone/iPad. When using iPod touch, iPhone or iPad, select "**General**" after selecting "**Settings**".

**2 Select "About".**
The software version will be displayed.

## Connect iPod/iPhone/iPad to the USB terminal

Connect your iPod/iPhone/iPad to the USB terminal on the player's front panel. Use the iPod cable supplied with your iPod/iPhone/iPad for the connection.
- For the cable connection, also refer to the operating instructions for your iPod/iPhone/iPad.
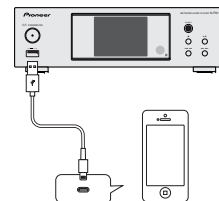


## Connecting iPod/iPhone/iPad using supplied stand

**1 Connect the unit to an iPod/iPhone/iPad with the iPod/iPhone/iPad cable.**



iPod/iPhone/iPad cable
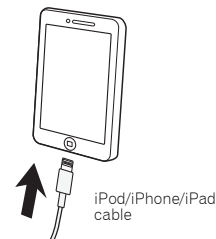
**2** Set up to stand the iPod/iPhone/iPad.

### When using an iPod/iPhone

Make sure the iPod/iPhone cable is aligned along the groove for it on the back of the stand that comes with the unit.



Back of stand

iPod/iPhone cable
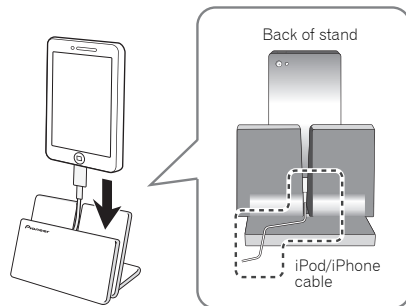
### When using iPad

Make sure to place the iPad in a horizontal direction on the stand.
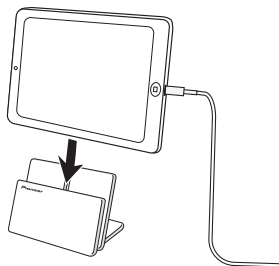


## Playing your iPod/iPhone/iPad

### ⚠ CAUTION

• When your iPod/iPhone/iPad is connected to this player and you wish to operate the iPod/iPhone/iPad directly, be sure to hold the iPod/iPhone/iPad steady with the other hand to prevent malfunctions due to faulty contacts.

**1** Connect your iPod/iPhone/iPad.

To connect your iPod/iPhone/iPad, see _Connect iPod/iPhone/iPad to the USB terminal_ on page 15.

**2** Press iPod/USB to select iPod/USB as the input source.

**iPod/USB** is shown on the display and starts playback.

### Ⓝ Note

• When the iPod/iPhone/iPad is connected to this player, the playback information for the songs are displayed on the iPod/iPhone/iPad display. Pressing **iPod CONTROL** button on the remote will switch the display and display the information on the front panel of the player.

### ⓘ Important

• If this player cannot play your iPod/iPhone/iPad, perform the following troubleshooting checks:
  - Check whether the iPod/iPhone/iPad is supported by this player (page 15).
  - Reconnect the iPod/iPhone/iPad to the player. If this doesn't seem to work, try resetting your iPod/iPhone/iPad.
  - Check the iPod/iPhone/iPad software is supported by this player.
• If the iPod/iPhone/iPad cannot be operated, check the following items:
  - Is the iPod/iPhone/iPad connected correctly? Reconnect the iPod/iPhone/iPad to the player.
  - Is the iPod/iPhone/iPad experiencing a hangup? Try resetting the iPod/iPhone/iPad, and reconnect it to the player.
  - When connecting the iPad, use only an iPad dedicated cable.

### ⚙ Tip

• iPod/iPhone/iPad recharging occurs whenever an iPod/iPhone/iPad is connected to this player. (This function is only supported when the power is initially turned on or during Network Standby).
• When input is switched from iPod/USB to another function, iPod/iPhone/iPad playback is temporarily stopped.

*Bluetooth* wireless technology enabled device: Cell phone

*Bluetooth* wireless technology enabled device: Digital music player

Device not equipped with *Bluetooth* wireless technology: Digital music player
+
*Bluetooth*® wireless technology audio transmitter (commercially available)

Remote control operation
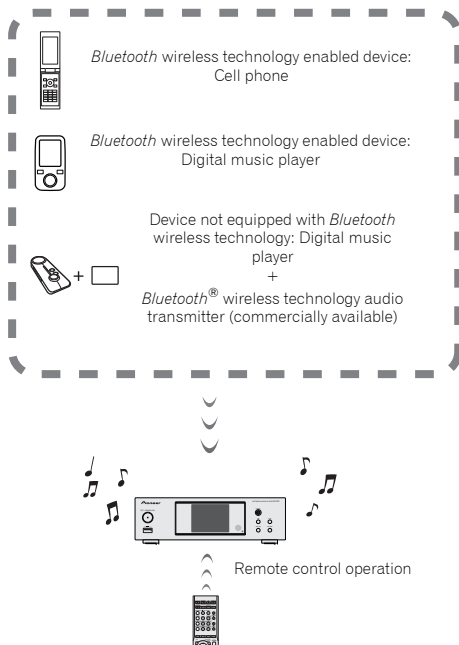
The unit is capable of playing back music stored on *Bluetooth* capable devices (cell phones, digital music players etc.) wirelessly. You can also use a *Bluetooth* audio transmitter (sold separately) to enjoy music from devices that do not have *Bluetooth* functionality. Please refer to the user's manual for your *Bluetooth* capable device for more details.

### ✍ Note

- The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by PIONEER CORPORATION is under license. Other trademarks and trade names are those of their respective owners.
- The *Bluetooth* wireless technology enabled device must support A2DP profiles.
- Pioneer does not guarantee proper connection and operation of this unit with all *Bluetooth* wireless technology enabled devices.

### Remote control operation

The remote control supplied with this unit allows you to play and stop media, and perform other operations.

### ✍ Note

- The *Bluetooth* wireless technology enabled device must support AVRCP profiles.
- Remote control operations cannot be guaranteed for all *Bluetooth* wireless technology enabled devices.

### Pairing with the unit (Initial registration)

In order for the unit to playback music stored on a *Bluetooth* capable device, pairing must first be performed. Pairing should be performed when first using the unit with the *Bluetooth* capable device, or when the pairing data on the device has been erased for any reason.

Pairing is a step required to allow communication using *Bluetooth* wireless technology to be carried out.

- Pairing is only performed the first time that you use the unit and the *Bluetooth* capable device together.
- In order to allow communication using *Bluetooth* wireless technology to take place, pairing must be performed on both the unit and the *Bluetooth* capable device.
- After pressing the **BT AUDIO** and switching to **BT Audio** function, perform the pairing procedure on the *Bluetooth* capable device. If pairing has been performed correctly, you will not need to perform the pairing procedures for the unit as shown below.

Please refer to the user's manual for your *Bluetooth* capable device for more details.

**1** Press the STANDBY/ON and turn the power to the unit on.

**2** Press the BT AUDIO.
  The unit switches to **BT Audio** and "Waiting device" will be displayed.
- Waiting device

BT Audio

Waiting Device
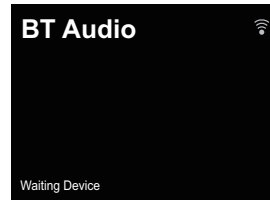
**3** Turn on the power to the *Bluetooth* capable device that you wish to pair with, and perform pairing procedure on it.

### ✍ Note

- This unit will be displayed as "N-P01" on all *Bluetooth* capable devices that you have.

Pairing will start.

- Place the *Bluetooth* capable device close to the unit.
- Please refer to the user's manual for your *Bluetooth* capable device for details on when pairing can be performed and the procedures required for pairing.
- When PIN code entry is requested, enter "**0000**." (This unit does not accept any PIN code setting other than "**0000**.")

**4** Confirm on the *Bluetooth* capable device that pairing has been completed.
  If pairing with the *Bluetooth* capable device has been completed correctly "Connected" will be displayed.

• Connected
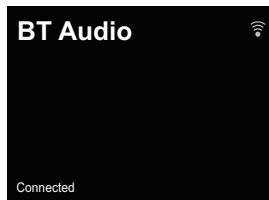
**BT Audio**

Connected

## Listen to music on the unit from a *Bluetooth* capable device

**1** **Press the BT AUDIO.**
The unit will switch to **BT Audio** input.

**2** **A *Bluetooth* connection will be created between the *Bluetooth* capable device and the unit.**
Procedures for connecting to the unit should be performed from the *Bluetooth* capable device.

• Please refer to the user's manual for your *Bluetooth* capable device for details of the connection procedures.

**3** **Playback music from the *Bluetooth* capable device.**

✍ **Note**
• When *Bluetooth* capable device is not connected and no operations have been performed for the length of time set under Settings for Auto Power Off, the unit will automatically power off. Please set it to any setting other than "**OFF**" under Settings.
• Auto Power Off can select 15 minutes (default setting) or 30 minutes, 60 minutes or OFF. (page 14).

## Bluetooth Standby Mode

**1** **Press NET SERVICE, then press SETUP on the remote control.**
The **Initial Setup** screen is shown on the display.

**2** **Select 'Option Setting' from Initial Setup menu.**

**3** **Select 'Power Off Setting' from Option Setting menu.**

**4** **Select 'Bluetooth Standby Mode' from Power Off Setting menu.**

**5** **To turn Bluetooth Standby Mode on, Use ↑/↓ to select ON, then press ENTER.**
**To turn Bluetooth Standby Mode off, Use ↑/↓ to select OFF, then press ENTER.**

• The following can be done when the unit is on standby with the **Bluetooth Standby Mode** switched **ON**.

✍ **Note**
• If the power cable has been removed and inserted again, the function will become effective after the power is turned **ON** for the unit.

### Connection while in Bluetooth Standby mode with *Bluetooth* capable device

When connection history (pairing has already been conducted) with a *Bluetooth* capable device exists for the unit during **Bluetooth Standby**, the unit can receive a connection request directly from the connection history.

The unit will start using the **BT Audio** function, and connect with a *Bluetooth* capable device.

Even devices that have already been paired with this unit will not connect during **Bluetooth Standby** in the following cases. In such cases, delete pairing history from the *Bluetooth* wireless technology device and perform pairing again.

• Up to 8 pairing history can be recorded with this unit. If connecting to a *Bluetooth* wireless technology device over 8 units, the oldest pairing history will be deleted.
• If the settings are reset to the factory setting, all pairing history will be deleted.

## Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (see list below). To prevent noise or interrupted communication, do not use this unit nearby such devices, or make sure these devices are switched off during use.

• Cordless phones
• Cordless facsimiles
• Microwave ovens
• Wireless LAN devices (IEEE802.11b/g)
• Wireless AV equipment
• Wireless controllers for game systems
• Microwave-based health aids
• Some baby monitors

Other, less common, equipment that may operate on the same frequency:

• Anti-theft systems
• Amateur radio stations (HAM)
• Warehouse logistic management systems
• Discrimination systems for train or emergency vehicles

✍ **Note**
• In the event noise appears in your television image, there is the possibility that a *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit) are causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and the *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit).
• If there is something obstructing the path between this unit (including devices supported by this unit) and the device equipped with *Bluetooth* wireless technology (such as a metal door, concrete wall, or insulation containing tinfoil), you may need to change the location of your system to prevent signal noise and interruptions.

## Scope of operation

Use of this unit is limited to home use. (Transmission distances may be reduced depending on communication environment).

In the following locations, poor condition or inability to receive radio waves may cause the audio to be interrupted or stopped:

- In reinforced concrete buildings or steel framed or iron-framed buildings.
- Near large metallic furniture.
- In a crowd of people or near a building or obstacle.
- In a location exposed to the magnetic field, static electricity or radio wave interference from radio communication equipment using the same frequency band (2.4 GHz) as this unit, such as a 2.4 GHz wireless LAN device (IEEE802.11b/g) or microwave oven.
- If you live in a heavily populated residential area (apartment, townhouse, etc.) and if your neighbor's microwave is placed near your system, you may experience radio wave interference. If this occurs, move your unit to a different place. When the microwave is not in use, there will be no radio wave interference.

## Radio wave reflections

The radio waves received by this unit include the radio wave coming directly from the device equipped with _Bluetooth_ wireless technology (direct wave) and waves coming from various directions due to reflections by walls, furniture and building (reflected waves). The reflected waves (due to obstacles and reflecting objects) further produce a variety of reflected waves as well as variation in reception condition depending on locations. If the audio cannot be received properly due to this phenomenon, try moving the location of the device equipped with _Bluetooth_ wireless technology a little. Also note that audio may be interrupted due to the reflected waves when a person crosses or approaches the space between this unit and the device equipped with _Bluetooth_ wireless technology.

## Precautions regarding connections to products supported by this unit

- Complete connections for all devices supported by this unit, including all audio cords and power cables before connecting them to this unit.
- After completing connections to this unit, check the audio and power cables to confirm that they not twisted together.
- When disconnecting this unit, confirm that you have sufficient working space in the surrounding area.
- When changing connections of audio or other cables for products supported by this unit, confirm that you have sufficient working space in the surrounding area.

## Playing files stored on USB storage devices

This player may not recognize a USB storage device, play files or supply power to a USB storage device. For details, see *Connecting USB storage devices* on page 12.

Pioneer does not guarantee that any file recorded on a USB storage device will play or that power will be supplied to a USB storage device. Also note that Pioneer will accept no responsibility whatsoever for loss of files on USB storage devices caused by connection to this player.

**1** **Press iPod/USB to select iPod/USB as the input source.**
**iPod/USB** is shown on the display.

**2** **Connect the USB storage device.**
The folders/files stored on the connected USB storage device appear on the display automatically.

**3** **Use ⬆/⬇ to select the file, then press ENTER.**
Playback starts.
• To return to the previous screen, press **RETURN**.
• When changing to a different input source, stop the USB memory playback first, before changing.
• Turn the power off before removing the USB storage device.

### 📝 Note

• The following screen appears on the display when you play back audio files. Note that some file types may not be displayed.
• Display of album names and artist names supports the following formats.
  MP3, WMA, Apple Lossless, FLAC, AIFF(*), DSD.
  *In the case of AIFF, files with a sampling frequency of 176 kHz or 192 kHz are not supported.
• Display of album art is supported for MP3 and DSD (DSF only).

Embedded images are supported for JPEG only.
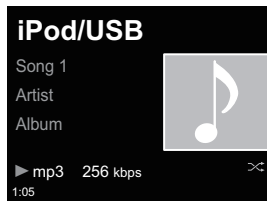


• The progress bar and the remaining playback time may not be displayed depending on the play back file.

## Network setting

If a broadband router (with built-in DHCP server function) is connected to this unit, you can simply turn on the DHCP server function without having to set up the network manually. Before you set up the network, consult with your ISP or the network manager for the required settings. It is advised that you also refer to the operation manual supplied with your network component. Any changes made to a router without the DHCP server function must be reflected to unit network settings.

If you select method B, C, D, E or F, confirm the LAN cable is not connected to this unit.

| Connecting this unit using wired LAN | | | |
|---|---|---|---|
| | | | A |

| Connecting this unit using wireless LAN | | | |
|---|---|---|---|
| | Connecting this unit to the router using an iPhone/iPod touch/iPad (with iOS 5.0 or later) | | B |
| | Connecting this unit to the router using an iPhone/iPod touch/iPad (with iOS 7.1 or later) The same wireless LAN connection settings can be applied to this unit. | | C |
| | Connecting to a router with WPS-PBC function | | D |
| | Connecting to a router without WPS-PBC function Connect this unit directly to your computer or tablet computer. Settings must be performed from the Web browser of the computer or tablet computer. | If your computer or tablet computer is not equipped with wireless LAN function (wired LAN only) | E |
| | | If your computer or tablet computer is equipped with wireless LAN function | F |

## Precautions when connecting this unit to a wireless LAN router

The SSID only supports use of single-byte alphanumeric characters, together with the underbar and certain other symbols. If using another character coding, the SSID must be updated before making network settings. For more details regarding SSID, consult your router's operating instructions.

## A: Wired setting

Make sure that the LAN cable connections has completed (page 12).

**1** Press NET SERVICE → SETUP.
The **Initial Setup** screen is shown on the display.

**2** Select Network Setting → Network Configuration.

**3** Use ↑/↓ to select Wired, then press ENTER.
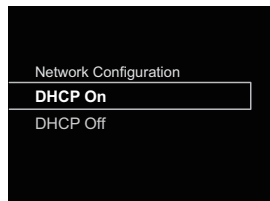
```
Network Configuration
Wired
Wireless
```

**4** Use ↑/↓ to select DHCP On, then press ENTER.
Select **Don't Use Proxy Server**.

```
Network Configuration
DHCP On
DHCP Off
```

### Note

• If your router does not have a built-in DHCP server function, you have to set up the network manually.
→ Select DHCP to be Off and press **ENTER** in step 4.
<Manual setting>
Then use ↑/↓/←/→ or numeric buttons to adjust the numbers, then press **ENTER**.

```
IP Address

XXX . XXX . XXX . XXX
```
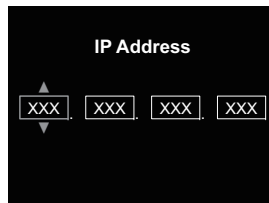
←/→: Moves the adjusting digit.
↑/↓: Increases or decreases values.

**IP Address**

The IP address to be entered must be defined within the following ranges. If the IP address defined is beyond the following ranges, you cannot play back audio files stored on components on the network or listen to Internet radio stations.
Class A: 10.0.0.1 to 10.255.255.254 / Class B: 172.16.0.1 to 172.31.255.254 / Class C: 192.168.0.1 to 192.168.255.254

**Subnet Mask**

If an xDSL modem or a terminal adapter is directly connected to this player, enter the subnet mask listed in your ISP documentation. In most of the cases, enter 255.255.255.0.

**Default Gateway**

If a gateway (router) is connected to this player, enter the corresponding IP address.
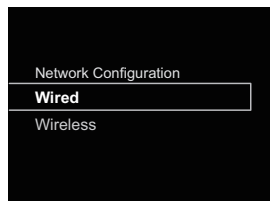
**Primary DNS Server/Secondary DNS Server**

If there is only one DNS server address listed in your ISP documentation, enter **Primary DNS Server**. In case there are more than two DNS server addresses, enter **Secondary DNS Server** in the other DNS server address field.

• When you connect this player to the Internet via a proxy server, proxy server settings are required.
→Select **Use Proxy Server** and press **ENTER** in step 4.
<Proxy Server setting>
Then Enter **Proxy Host Name** and the port number of your proxy server in the **Proxy Port** field.

## B: Connection settings using an iOS device (with iOS 5.0 or later)

You can apply iPod/iPhone/iPad (iOS device with iOS ver 5.0 or later)'s Wi-Fi settings to this player.

### Note

• The iOS device and router must be connected at 2.4 GHz.

**1** Be sure the LAN cable is not connected to the player.

**2** Unlock your iPod/iPhone/iPad. Check that the Wi-Fi mark is displayed on the iOS device.
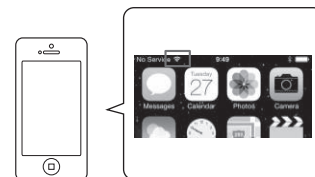
**3** Plug the power cord into an AC outlet. Press STANDBY/ON.

**4** Press iPod/USB on the remote control.
Connect the iOS device to the USB terminal.

**5** Press SETUP.

**6** Select Network Setting → Network Configuration → Wireless → iOS Device and then press ENTER.

**7** Tap Allow on iPod/iPhone/iPad.
The Wi-Fi settings of your iPod/iPhone/iPad are applied to the player.

## C: Connection settings using an iOS device (with iOS 7.1 or later)

You can apply iPod/iPhone/iPad (iOS device with iOS ver 7.1 or later)'s Wi-Fi settings to this player.

### Note
• The iOS device and router must be connected at 2.4 GHz.

**1**   Be sure the LAN cable is not connected to the player.

**2**   Unlock your iPod/iPhone/iPad that Wi-Fi connection is completed.

**3**   Plug the power cord into an AC outlet. Press STANDBY/ON.

**4**   Press iPod/USB on the remote control.

**5**   Press SETUP.

**6**   Select Network Setting → Network Configuration → Wireless → Wireless Accessory Configuration and then press ENTER.

**7**   Press the iPod/USB button.

Confirm that the Wi-Fi operation mark 🛜 is displayed.
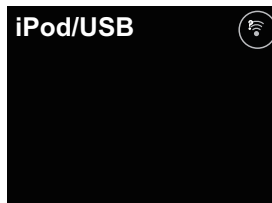


**8**   Check that the Wi-Fi mark is displayed on the iPhone, iPod touch or iPad screen.

If it is not displayed, turn Wi-Fi on, and then connect the iPhone, iPod touch or iPad to the wireless LAN router.
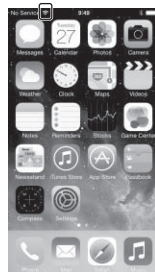


**9**   Perform operations on the iPhone, iPod touch or iPad screen.

• Select Settings.
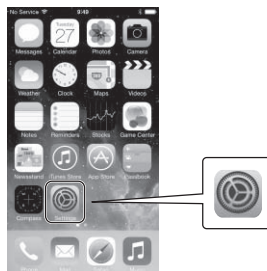


• Select Wi-Fi.
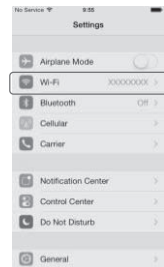


• Under SET UP NEW AIRPLAY SPEAKER, select this player.
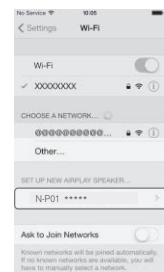


### Note
• "*****" is the lower three bytes of the MAC address.

• Select Next.

• Select Done.

## D: WPS connection setting

WPS is abbreviation of Wi-Fi Protected Setup. A standard established by the Wi-Fi Alliance industry group for a function allowing settings related to interconnection of WPS compatible wireless LAN devices and encryption to be made with simple operations.

This player supports push-button configuration and PIN code configuration.

**Network Type** must be set to **Wireless** or **Auto** to use WPS connection. When using WPS connection, be sure the LAN cable is not connected to the player and turn this player on.

**1** Press NET SERVICE → SETUP on the remote control.
The **Initial Setup** screen is shown on the display.

**2** Select Network Setting → WPS.

**3** Use ↑/↓ to select PBC (Push Button Configuration) or PIN Input, then press ENTER.
If your wireless device supports **PBC**, select **PBC**.

```
Select WPS Method
PBC (Push Button Configuration)
PIN Input
```

**PBC (Push Button Configuration)**
Connection settings are made automatically simply by pressing the WPS buttons on the WPS compatible wireless LAN device. Follow the instructions on the display. This is the simplest way of making the settings, and is possible when the WPS compatible wireless LAN device is equipped with WPS button.

**PIN INPUT**
Connection settings are made by inputting the 8-digit PIN code shown on the display to the access point to which you selected.

• Wait for the process to be completed.
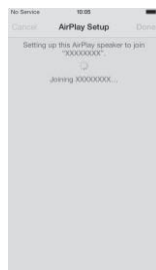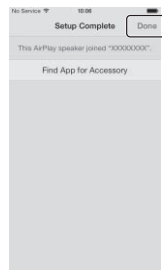
**10** Wait until the Wi-Fi operation mark changes to 📶.

**iPod/USB**

### 📝 Note
• If your iPhone, iPod touch, iPad and the router are connected at 5 GHz then you will be unable to use this setting method. Please try a different setting method.
• Images of the screen are taken from iOS7.1. If your iPod/iPhone/iPad has software other than iOS7.1 installed, control of the iPod/iPhone/iPad may differ.

Follow the instructions shown in Connecting using PIN code configuration on the right.

## Connecting using PIN Input

**1** Press NET SERVICE → SETUP. Select Network Setting → WPS → PIN Input, then press ENTER.

**2** Use ↑/↓ to select the access point which you want to connect, then press ENTER.

> Available Wireless Networks
> 001XXXXXX
> **002XXXXXX**
> 003XXXXXX
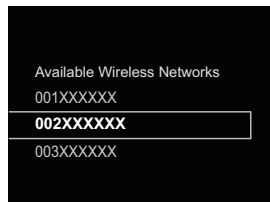
**3** Confirm the PIN code of this player, then press ENTER.
The PIN code of this player is shown on the display.
You must check this PIN code to connect to the network.

> 88192420
>
> [ENTER]          Start
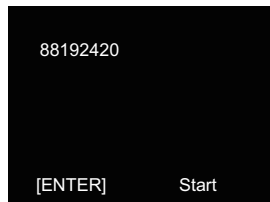
**4** Within 2 minutes after closing the PIN Code message, input the PIN Code to the access point selected in step 2.
The connection success or failure is displayed on the display. The PIN Code input method differs depending on the LAN device used. For details, consult the operating instructions accompanying your LAN device.

## E: Wireless Setting

**1** Press NET SERVICE → SETUP.
The **Initial Setup** screen is shown on the display.

**2** Select Network Setting → Network Configuration.

**3** Use ↑/↓ to select Wireless, then press ENTER.

> Network Configuration
> Wired
> **Wireless**
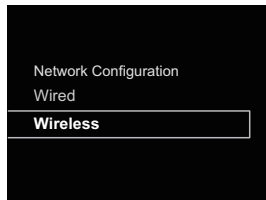
**4** Use ↑/↓ to select Auto, then press ENTER.

> Wireless
> **Auto**
> Manual
> Wireless Accessory Configuration
> Web Control

If you setup manually, select **Manual**.

**5** Use ↑/↓ to select the available wireless network you want to connect to.

> Available Wireless Networks
> 001XXXXXX
> **002XXXXXX**
> 003XXXXXX
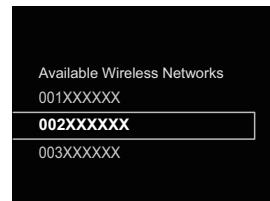
**6** Use ↑/↓/←/→ to enter the Pass Phrase or WEP Key.
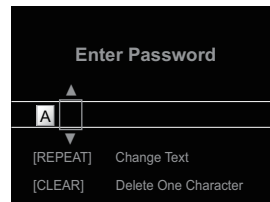
> **Enter Password**
>
> ▲
> A
> ▼
> [REPEAT]     Change Text
> [CLEAR]      Delete One Character

←/→ : Moves the adjusting digit.
↑/↓ : Changes displayed character.
**REPEAT**: Switches character types.
**CLEAR**: Deletes one character at a time.

**7** Use ↑/↓ to select DHCP On, then press ENTER.
Select **Don't Use Proxy Server**.
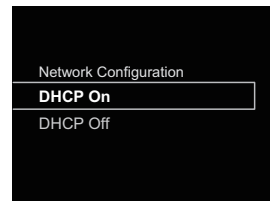
> Network Configuration
> **DHCP On**
> DHCP Off

**Note**

• If your router does not have a built-in DHCP server function, you have to set up the network manually.
→Select DHCP to be Off and press **ENTER** in step 7. *If your router does not have a built-in DHCP server function, you have to set up the network manually.* → *Select DHCP to be Off and press* ***ENTER*** *in step 4,* on page 22

• When you connect this player to the Internet via a proxy server, proxy server settings are required.
→Select **Use Proxy Server** and press **ENTER** in step 7.
<Proxy Server setting>
Then Enter **Proxy Host Name** and the port number of your proxy server in the **Proxy Port** field.

## F: Connecting to a router without WPS-PBC function

This section describes how to set the network connection using Web browser on a computer.
Be sure your computer is equipped with wireless LAN function. Settings can be performed from the Web browser of the computer.

**1** Be sure the LAN cable is not connected to the player.

**2** Plug the power cord into an AC outlet. Press STANDBY/ON.

**3** Press NET SERVICE → SETUP on the remote control.

**4** Select Network Setting → Network Configuration → Wireless → Web Control.

**5** Select Start → OK.
The player restarts. Change settings on Web Control on your computer.

**6** Select Pioneer Setup (this player) in the available wireless network connection of your computer.
SSID is displayed as Pioneer Setup:xxxxxx. "xxxxxx" is the lower three bytes of the MAC address.
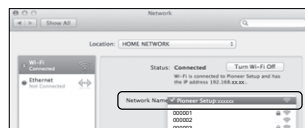
**Note**

• Consult the appropriate operating instructions for information regarding operation of the computer, iPhone, tablet computer or other device used.
• Since this kind of connection is not encoded, a minor security risk may be involved.
• This setting for the network has been confirmed for Mac OS X 10.7 and Safari 5.1.

**7** Start your computer's Web browser, and access the URL noted below to make settings for this unit.
The Web Control menu will appear.

http://192.168.1.1
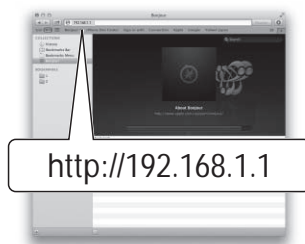
**For Safari**

Press Bookmark icon ( ) at the upper left of the screen. Click Bonjour list (a), and then select this unit's name ("Friendly Name") (b) in Bookmark.

**Note**

• The displayed name will change depending on the product being used.
N-P01 *****, XN-P02 ***** or XN-P02DAB ***** will be displayed. ("*****" is the lower three bytes of the MAC address.)

**8** Click Network Setup → Network Configuration. Select Auto and then press OK.

**9** Setup the network settings manually and then press Apply.
If SSID is not displayed, return to step 9 and select **Manual**.
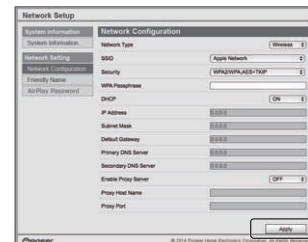
The player restarts and the new network settings are applied to the player.

**Note**

• You can set the network as in the above by connecting this unit's IP address via the Web Browser even if Web Control isn't selected.

## Friendly Name

**1** Press NET SERVICE → SETUP.

**2** Select Network Setting → Friendly Name.

**3** Use ↑/↓/←/→ to enter Friendly Name, then press ENTER.

←/→ : Moves the adjusting digit.

↑/↓: Changes displayed character.

**REPEAT**: Switches character types.

**CLEAR**: Deletes one characters at a time.

## Listening to the Internet radio

You can select and listen to your favorite Internet radio station from the list of Internet radio stations created, edited, and managed by the vTuner database service exclusively for use with the Pioneer products.

### Connecting to a LAN network

Connect to the network using the LAN interface or WLAN antenna.

For details on the connections, see *Connecting to the network through the LAN interface or WLAN antenna* on page 12.

### Listening to the Internet radio for the first time

When you listen to the Internet radio first time, follow the instructions below to tune into your desired station.

**1** Press NET SERVICE repeatedly to select Internet Radio as the input source.

**Internet Radio** is shown on the display.

**2** Use ↑/↓ to select the folder and press ENTER.

```
Internet Radio

   Top Menu
📁 Genres
📁 Countries
📁 Podcasts By Genre
📁 Podcasts By Location
```

**Favorite** folder is displayed when you have added the stations via vTuner.

### Tune into a station

**1** Press NET SERVICE repeatedly to select Internet Radio as the input source.

The information of the station you last selected is displayed on the display.

**2** Press TOP MENU to display Internet Radio menu screen.

**3** Use ↑/↓ to select the folder and press ENTER.

You can select **Favorites** function when you have already added your favorite station to **Favorites**.

To add stations, press **+Favorite** on the remote control.

**4** Use ↑/↓ to select the station, then press ENTER.

You can also select the available stations from the internet radio menu.

### Playing back your favorite songs

Up to 64 favorite tracks on the media server and/or Internet Radio stations can be registered in **Favorites** function. Note that only the audio files stored on components on the network can be registered.

### Registering and deleting audio files and Internet radio stations in and from Favorites

**1** Press NET SERVICE on the remote control to select Internet Radio.

**2** Select the track or Internet radio station you want to register, press +Favorite on the remote control.

The selected song or Internet Radio station is registered in **Favorites**.

*✍* **Note**

• To delete a registered song, select **Favorites**, select the song you want to delete from **Favorites**, and press **CLEAR**. The selected song is then deleted from **Favorites**.

## Advanced operations for the Internet radio

### Registering broadcast stations not on the vTuner list from the special Pioneer site

With this player, broadcast stations not included on the list of stations distributed by vTuner can be registered and played. Check the access code required for registration on this player, use this access code to access the special Pioneer Internet radio site and register the desired broadcast stations in your favorites. The address of the special Pioneer Internet radio site is: **http://www.radio-pioneer.com**

**1 Display Internet Radio screen.**

To display the Internet radio list screen, perform steps 1 to 2 at *Listening to the Internet radio for the first time* above.

**2 Use ↑/↓ to select Help, then press ENTER.**

**3 Use ↑/↓ to select Get access code, then press ENTER.**

The access code required for registration on the special Pioneer Internet radio site is displayed. Make a memo of this address.

The following can be checked on the Help screen:

• **Get access code** – The access code required for registration on the special Pioneer Internet radio site is displayed.

• **Show Your WebID/PW** – After registering on the special Pioneer Internet radio site, the registered ID and password are displayed.

• **Reset Your WebID/PW** – Resets all the information registered on the special Pioneer Internet radio site. When reset, all the registered broadcast stations are also cleared. If you want to listen to the same stations, re-register after resetting.

**4 Access the special Pioneer Internet radio site from your computer and perform the registration process.**

Access the above site and use the access code in step 3 to perform user registration, following the instructions on the screen.

**5 Register the desired broadcast stations as your favorites, following the instructions on the computer's screen.**

Both broadcast stations not on the vTuner list and stations on the vTuner list can be registered. In this case they are registered on the player as favorite broadcast stations and can be played.

**✎ Note**

• Playback may stall when the computer is switched off or any media files stored on it are deleted while playing content.

• If there are problems within the network environment (heavy network traffic, etc.) content may not be displayed or played properly (playback may be interrupted or stalled). For best performance, a 100BASE-TX connection between player and computer is recommended.

## About the Spotify audio stream playback function

Spotify is a music streaming distribution service managed and operated by Spotify Ltd. and distributing music over the Internet.

Spotify audio streams can be enjoyed using this unit and your smartphone or other mobile digital device.

## Preparations (1) Installing the Spotify application on mobile digital devices and registering a Spotify Premium account

**✦ Important**

• The Spotify application must be installed on mobile digital devices and you must have registered a Spotify Premium account (for a charge) in order to use the Spotify audio stream playback function on this unit.

For registration procedures, see the Spotify website.

http://www.spotify.com/

http://www.spotify.com/connect

For information on the countries and regions where Spotify services can be used, see the website below.

http://www.spotify.com/

Spotify functions may be changed without notice. An Internet connection is required on the mobile digital device in order to use the Spotify application. Using the mobile telephone line for the Internet connection tends to lead to high packet communication charges, so we recommend subscribing to a fixed packet rate plan. For details, contact your mobile telephone operator.

## Preparations (2) Connecting this unit to the network

• Connect this unit to the network and also to the Internet. For instructions on connecting, see this unit's operating instructions.

• Connect the mobile digital device by Wi-Fi to the wireless LAN router of the same network as the one to which this unit is connected. For instructions on connecting, see the operating instructions of the mobile digital device and the wireless LAN router.

## In order to use the Spotify audio stream playback function from the Spotify application

To use the Spotify audio stream playback function, select this unit on the Spotify application.

When Spotify audio streaming starts, this unit's input automatically switches to Spotify.

**⚠ CAUTION**

• Even if you are away from home, if you start Spotify audio streaming to play music on your mobile digital device and this unit is selected, the sound will be output from this unit. Depending on the volume level, the output may be loud, so be sure to check the audio output selection carefully before starting audio streaming. In addition, if you accidentally select this unit and play the sound on it, switch the audio output selection to the mobile digital device.

**✎ Note**

• A separate contract with/payment to an Internet service provider is required to use the Spotify audio stream playback function.

• This unit's name is displayed as the playback device on the Spotify application. Also, this unit's name can be changed at "Friendly Name" in the network settings.

• When this unit is selected with the Spotify application, the account information is registered on this unit as well. When disposing of this unit, reset this unit's settings in order to delete the account information registered on this unit. For instructions on resetting, See *Resetting this player on page 36.*

## Use the player to listen to Spotify audio stream

**1 Press NET SERVICE repeatedly to select Spotify as the input source.**

Spotify is shown on the display.

Playback will begin automatically. If playback does not begin, press ▶.

**✎ Note**

• In order to use the player to listen to Spotify audio stream, you must register the account information to the player. In order to register the account information, use the Spotify Application and select the player.

This player can play audio files stored on computers or other components on a Local Area Network (LAN).

## Introduction

This player allows you to listen to audio files on a computer or other component connected to the player via LAN interface. This chapter describes the setup and playback procedures required to enjoy these features. It is advisory that you also refer to the operation manual supplied with your network component.

### Note

• Photo or video files cannot be played back.
• With Windows Media Player 11 or Windows Media Player 12.

## About playable DLNA network devices

This player allows you to play music on media servers connected on an identical Local Area Network (LAN) as the player. This player allows you to play files stored on the following devices:

• Computers running Microsoft Windows Vista with Windows Media Player 11 installed
• Computers running Microsoft Windows 7 or 8 with Windows Media Player 12 installed
• DLNA-compatible digital media servers (on computers or other components)

Files stored in a computer or DMS (Digital Media Server) as described above can be played via command from an external Digital Media Controller (DMC). Devices controlled by this DMC to play files are called DMRs (Digital Media Renderers). This player supports this **DMR** function.

When this player is selected as a DMR and DMS playback is begun, the player's input automatically switches to **DMR**. During **DMR** input, the currently playing track name, artist name, album name, and album art will appear on the player's display (some information may not be displayed, depending on the file being played).

When in the **DMR** mode, such operations as playing and stopping files can be performed from the external controller. Volume adjustment and the muting control are also possible.

### Note

• Depending on the external controller being used, playback may be interrupted when the volume is adjusted from the controller. In this case, adjust the volume from the player or remote control.

## Using AirPlay on iPod touch, iPhone, iPad and iTunes

AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later.

To use AirPlay, select your player on your iPod touch, iPhone, iPad or in iTunes and start playback. For more information, see the Apple website (http://www.apple.com).

• Adjustment of the player's volume from iPod touch, iPhone, iPad or iTunes.
• Pause/resume, next/previous track, and shuffle/repeat from the remote control of the player. The display will not show the Play Status, Repeat, or Shuffle icons.
• Display of the currently playing track information on the player's display, including artist, song/album name and album artwork. It may not be displayed other than song name.

### Tip

• A network environment is required to use AirPlay.
• The player's name that shows up in the AirPlay UI on iPod touch, iPhone, iPad and iTunes can be changed by **Friendly Name** from **Network Setting**.
• AirPlay provided on this player has been developed and tested based on the software versions for the iPod touch, iPhone, iPad and the software versions for iTunes that are indicated on the Pioneer website. AirPlay may not be compatible with iPod touch, iPhone, iPad or iTunes software versions other than those indicated on the Pioneer website.

## About the DHCP server function

To play back audio files stored on components on the network, you must turn on the DHCP server function of your router.

In case your router does not have the built-in DHCP server function, it is necessary to set up the network manually. Otherwise, you cannot play back audio files stored on components on the network or listen to Internet radio stations. See *Network setting on page 21* for more on this.

## Authorizing this player

This player must be authorized to enable playback. The player is automatically authorized when it is connected to a computer over a network. If not, please authorize this player manually on the computer. The authorization (or permission) method for access varies depending on the type of server currently being connected. For more information on authorizing this player, refer to the instruction manual of your server.

## Playing audio files stored on computers or other components

### Connecting to the LAN network

Be sure to connect computer or other components to the network using the LAN interface before you use this function. For details on the connections, see page 12.

### Playback with Music Server

### Important

• You cannot access a computer on a network while you are logged onto a domain that is configured in a Windows network environment. Instead of logging onto the domain, log onto the local machine.
• There are cases where the time elapsed may not be correctly displayed.

**1 Press M.SERVER to select Music Server.**
All available servers are shown on the display. "Please wait" will be displayed until an available server is found.

**2 Use ↑/↓ to select the server that the file you want to play is stored on, then press ENTER.**
The folders/files stored on the server are shown on the display.

You can perform the following sort functions by pressing **SORT**, as long as your DLNA compatible digital media server supports the Sort function.

📝 **Note**

- Sort cannot be used on certain screens.
  - If tracks are sorted by title, change to sorting by track number.
  - If tracks are sorted by track number, change to sorting by title.
  - If tracks are sorted by anything other than title/track, change to sorting by track number.

**3** Use ⬆/⬇ to select the file you want to play, then press **ENTER**.
   Playback starts.

**Music Server**

Song 1
Artist
Album

▶ FLAC 44.1 kHz/24 bit

44:38　　　　　　　　　　- 44:02
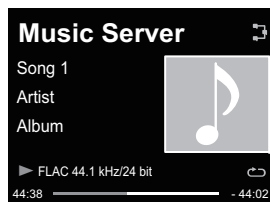
- When the file you want to play is in the folder, select the folder first.
- If you press **RETURN** during playback, the previous (folders/files) screen will be displayed.
- To add your favorite file to **Favorites** function, press **+Favorite** on the remote control.
- Check your network environment if "Please wait" continues to be displayed.

Depending on the server or file, the operation will be as follows.

- ⏸ button may not function.
- ◀◀ and ▶▶ buttons may not function, or may act the same as the ⏮ and ⏭ buttons.

## Using AirPlay to enjoy music

**1** Confirm that the iPod touch, iPhone, iPad, iTunes and this unit are connected to the same wired or wireless network.

**2** Play music on iPod touch, iPhone, iPad or iTunes.

**3** During playback, tap the AirPlay icon (📺) displayed on the iPod touch, iPhone, iPad or iTunes.

**4** Select this unit's name ("Friendly Name") from the available device list.

## Operating AirPlay from an iPod/iPhone/iPad

**1** Tap Music icon and start playing music.
   Playback starts.
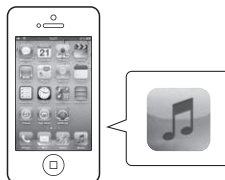
**2** Tap AirPlay icon (📺).

**3** Select N-P01.

## AirPlay Password

Set the player with a password for AirPlay.
Under initial factory settings no password is set.

**1** Press NET SERVICE → SETUP.

**2** Select Network Setting → AirPlay Password.

**3** Use ⬆/⬇/⬅/➡ to enter AirPlay Password, then press **ENTER**.
   ⬅/➡: Moves the adjusting digit.
   ⬆/⬇: Changes displayed character.
   **REPEAT**: Switches character types.
   **CLEAR**: Deletes one characters at a time.

## Installing Pioneer ControlApp

The Pioneer ControlApp must be installed on your mobile device. For more information about your operating environment, access the appropriate Website as noted below.

### If using an iPhone or iPod touch
You can obtain from "App Store".

### If using an Android device
You can obtain from "Google Play".

## Using Pioneer ControlApp

If using Pioneer ControlApp for the first time, follow these procedures to start the application.

**1** **Connect this unit to the network you normally use.**

**2** **Connect your mobile device to the same network.**
Confirm that Pioneer ControlApp is installed on your mobile device.

**3** **Turn on the power to this unit.**

**4** **Start Pioneer ControlApp on your mobile device.**

Wired/Wireless

Wireless
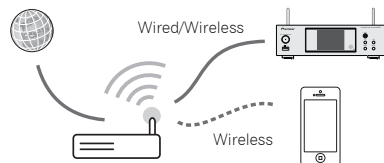
**5** **Tap the "Download".**
When download is completed, the CONTROL screen will be displayed.

Download

## Troubleshooting

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.

• If the player does not operate normally due to external effects such as static electricity disconnect the power plug from the outlet and insert again to return to normal operating conditions.

### General

❖ **When a button is pressed, the player does not respond.**
→ Set the player to the power standby mode and then turn it back on.
→ If the player still malfunctions, reset it (page 14).

❖ **Settings you have made have been cleared.**
→ Was the power cord unplugged forcibly while this player's power was on? Be sure to press ⏻ **NETWORK** and wait for the **POWER** indicator on the front panel display to turn off before unplugging the power cord.

❖ **This player cannot be operated with the remote control.**
→ Are you operating from far away? Operate from within a distance of Operate within 7 m, 30° of the remote sensor on the front panel (page 5).
→ Is the remote control sensor exposed to direct sunlight or strong artificial light from a fluorescent bulb, etc.? The remote control signals may not be received properly if the remote control sensor is exposed to direct sunlight or strong artificial light from a fluorescent bulb, etc.
→ Are the batteries dead? Replace the batteries (page 5).

❖ **The player suddenly switches off.**
→ When the Auto Power Off function is working, the power will automatically turn off. Check the setting for the Auto Power Off function (page 14).

❖ **The *Bluetooth* wireless technology device cannot be connected or operated. Sound from the *Bluetooth* wireless technology device is not emitted or the sound is interrupted.**
→ Check that no object that emits electromagnetic waves in the 2.4 GHz band (microwave oven, wireless LAN device or

*Bluetooth* wireless technology apparatus) is near the player. If such an object is near the player, set the player far from it. Or, stop using the object emitting the electromagnetic waves.
→ Check that the *Bluetooth* wireless technology device is not too far from the player and that obstructions are not set between the *Bluetooth* wireless technology device and the player. Set the *Bluetooth* wireless technology device and the player so that the distance between them is less than about 10 m* and no obstructions exist between them.
* The line-of-sight transmission distance is an estimate. Actual transmission distances supported may differ depending on surrounding conditions.
→ The *Bluetooth* wireless technology device may not be set to the communication mode supporting the *Bluetooth* wireless technology. Check the setting of the *Bluetooth* wireless technology device.
→ Check that pairing is correct. The pairing setting was deleted from this player or the *Bluetooth* wireless technology device. Reset the pairing.
→ Check that the profile is correct. Use a *Bluetooth* wireless technology device that supports A2DP profile and AVRCP profile.

### When a USB storage device is connected

❖ **USB storage device is not recognized.**
→ Is the USB storage device properly connected? Connect the device securely (all the way in).
→ Is the USB storage device connected via a USB hub? This player does not support USB hubs. Connect the USB storage device directly.
→ This is not a problem with this player. Turn the power off then back on. Some USB storage devices may not be recognized properly. This player only supports USB mass storage class devices. Only the FAT16 and FAT32 file systems are supported. Other file systems (ex. FAT, NTFS, etc.) are not supported. This device does not support the use of external hard disc drives.

❖ **Much time is required to recognize the USB storage device.**
→ What is the USB storage devices capacity? Some time may be required to load the data when large capacity USB storage devices are connected (this could take several minutes).

❖ **Audio playback is undesirably stopped or disturbed.**
→ You may be using a USB 1.0 compatible device. We recommend you use a USB 2.0 compatible device.

❖ **File cannot be played.**
→ Is the file copyright-protected (by DRM)? Copyright-protected files cannot be played.

→ This is not a problem with this player. Files stored on a computer cannot be played. It may not be possible to play some files.

❖ **When connecting the USB storage device, this player switches off.**
→ Is Timer indicator flashing? The USB storage device does not work or power consumption is too large. Disconnect the USB storage device and turn this player on.

❖ **The album or artist name is not displayed.**
→ Display of album names and artist names supports the following formats.
MP3, WMA, Apple Lossless, FLAC, AIFF(*), DSD.
*In the case of AIFF, files with a sampling frequency of 176 kHz or 192 kHz are not supported.

❖ **Album art is not displayed.**
→ Display of album art is supported for MP3 and DSD (DSF only). Embedded images are supported for JPEG only.

### When an iPod/iPhone/iPad is connected

❖ **Can't operate the iPod/iPhone/iPad.**
→ Make sure the iPod/iPhone/iPad is connected correctly (refer to *Connect iPod/iPhone/iPad to the USB terminal* on page 15). Also, try disconnecting the iPod/iPhone/iPad then reconnecting it.
→ Confirm that the connected iPod/iPhone/iPad is supported by this player.
→ If the iPod/iPhone/iPad is experiencing a hangup, try resetting the iPod/iPhone/iPad, and reconnect it to the player.

### Network

❖ **Cannot access to the network.**
→ The LAN cable is not firmly connected. Firmly connect the LAN cable (page 12).
→ Check that no restrictions have been placed on your router's MAC address.
→ Confirm the network type (**Network Setting → Network Type**). When **Auto** is selected in **Network Type**, the network type is automatically switched between **Wired** and **Wireless**.

❖ **Cannot access to the network using WPS.**
→ **Network Type** is set to **Wired**. **Network Type** must be set to **Wireless** or **Auto** to use WPS connection. See page 24 to change the network type. When using WPS connection, be sure the LAN cable is not connected to the player and turn this player on.

❖ **Cannot access to the component or computer connected via network.**
→ Internet security software is currently installed in the connected component. There are cases where a component with Internet security software installed cannot be accessed.
→ The audio component on the network which has been switched off is switched on. Switch on the audio component on the network before switching on this player.
→ The component connected to the network is not properly set. If the client is automatically authorized, you need to enter the corresponding information again. Check whether the connection status is set to "Do not authorize".
→ There are no playable audio files on the component connected to the network. Check the audio files stored on the component connected to the network.

❖ **Wireless Accessory Configuration fails.**
→ If the iOS device is not connected via Wi-Fi, connect the iOS device via Wi-Fi.
→ If the iOS device and router are connected via 5 GHz, change the connection between the iOS device and router to 2.4 GHz, or use a different setting method.

❖ **Playback does not start.**
→ The component is currently disconnected from this player or the power supply. Check whether the component is properly connected to this player or the power supply.

❖ **The computer or Internet Radio is not properly operated.**
→ The corresponding IP address is not properly set. Switch on the built-in DHCP server function of your router, or set up the network manually according to your network environment (page 12).

❖ **The IP address is being automatically configured.**
→ The automatic configuration process takes time. Please wait.

❖ **The audio files stored on components on the network, such as a computer, cannot be played back.**
→ Windows Media Player 11 or Windows Media Player 12 is not currently installed on your computer. Install Windows Media Player 11 or Windows Media Player 12 on your computer (page 29).
→ Audio files were not recorded in a format playable on this player. Check whether the audio files were recorded in a format supported by this player (page 38).
→ Audio files recorded in MPEG-4 AAC or FLAC are being played back on Windows Media Player 11 or Windows Media Player 12. Audio files recorded in MPEG-4 AAC or FLAC cannot be played back on Windows Media Player 11 or Windows Media

Player 12. Try using another server. Refer to the operation manual supplied with your server.
→ The component connected to the network is not properly operated. Check whether the component is affected by special circumstances or is in the sleep mode. Try rebooting the component if necessary.
→ The component connected to the network does not permit file sharing. Try changing the settings for the component connected to the network.
→ The folder stored on the component connected to the network has been deleted or damaged. Check the folder stored on the component connected to the network.
→ Network connections could be restricted due to the computer's network settings, security settings, etc. Check the computer's network settings, security settings, etc.

❖ **Input of a password is requested when starting AirPlay.**
→ Enter the AirPlay password set during Wireless Accessory Configuration or Network Setting.
→ If you have forgotten the password, it is possible to reset it.

❖ **Cannot access Windows Media Player 11 or Windows Media Player 12.**
→ In case of Windows Media Player 11: You are currently logged onto the domain through your computer with Windows XP or Windows Vista installed. In case of Windows Media Player 12: You are currently logged onto the domain through your computer with Windows 7 or 8 installed. Instead of logging onto the domain, log onto the local machine.

❖ **Audio playback is undesirably stopped or disturbed.**
→ The audio file currently being played back was not recorded in a format playable on this player. Check whether the audio file was recorded in a format supported by this player. Check whether the folder has been damaged or corrupted. Even audio files listed as playable on this player may sometimes not be played back or displayed (page 38).
→ The LAN cable is currently disconnected. Connect the LAN cable properly (page 12).
→ There is heavy traffic on the network with the Internet being accessed on the same network. Use 100BASE-TX to access the components on the network.
→ When in the DMR mode, depending on the external controller being used, playback may be interrupted when a volume operation is performed from the controller. In this case, adjust the volume from the player or remote control.
→ There is a connection routed through a wireless LAN on the same network. There may be a shortage of bandwidth on the 2.4 GHz band used by the wireless LAN. Make wired LAN connections not routed through a wireless LAN. Install away

from any devices emitting electromagnetic waves on the 2.4 GHz band (microwave ovens, game consoles, etc.). If this does not solve the problem, stop using other devices that emit electromagnetic waves.

❖ **Cannot listen to Internet Radio stations.**
→ The firewall settings for components on the network are currently in operation. Check the firewall settings for components on the network.
→ You are currently disconnected from the Internet. Check the connection settings for components on the network, and consult with your network service provider if necessary (page 12).
→ The broadcasts from an Internet Radio station are stopped or interrupted. Some Internet radio stations on the list of Internet Radio stations for this player (page 27) may occasionally not be available for listening.
→ The player only supports broadcast stations that use HTTP. It may therefore be unable to playback certain broadcast stations.

❖ **Cannot pause at Music Server/DMR.**
→ For some DLNA server software/NAS, or file formats being played, you many not be able to pause. Please contact the DLNA server software manufacturer or NAS manufacturer that you are using.

❖ **Music Server (DLNA) album names and artist names are not displayed.**
→ Metadata such as album names and artist names have to be approved by the server and distributed to the player, which depends on the NAS you are using and the specs of DLNA server software.
Supported files differ depending on NAS and DLNA server software. For more details, please contact the NAS manufacturer or DLNA server software manufacturer.

❖ **Music Server (DLNA) album art is either displayed or not displayed.**
→ In the case of the Music Server, this depends upon the specs of DLNA server software. Supported files differ depending on DLNA server software. For more details, please contact the DLNA server software manufacturer.

❖ **This unit cannot be selected from the Spotify application.**
→ An Internet connection is required for both the mobile digital device and this unit.
→ Connect the mobile digital device by Wi-Fi to the wireless LAN router of the same network as the one to which this unit is connected.

→ A Spotify Premium account (for a charge) must be registered on the Spotify application.

→ When this unit is in standby, it cannot be selected from the Spotify application.

❖ **The sound of the Spotify audio stream is not produced.**

→ Check whether this unit is selected on the Spotify application.

→ Check that contents are playing on the Spotify application.

→ If the above does not solve the problem, turn this unit's power off then back on.

❖ **This unit's volume does not increase when the volume slider in the Spotify application is raised.**

→ There is an upper limit to the volume to prevent the volume from being too high accidentally. To raise the volume higher in this case, do so by operating the remote control. When using an application such as Pioneer ControlApp, the volume can also be increased from the application.

❖ **Playback continues on this unit when the Spotify application is quit.**

→ The Spotify audio stream continues from this unit, even when the Spotify application is quit. To operate again, relaunch the Spotify application.

## Wireless LAN

❖ **Network cannot be accessed via wireless LAN.**

→ Is **Network Type** set to **Auto** and the LAN cable connected to the player? Switch **Network Type** to **Wireless** or disconnect the LAN cable from the player, then restart the player. If **Network Type** is set to **Auto** and the LAN cable is connected to the player, the player recognizes the **Network Type** as **Wired**.

→ This player and base receiver (wireless LAN router, etc.) are too far apart or there is an obstacle between them. Improve the wireless LAN environment by moving the player and base receiver closer together, etc.

→ There is a microwave oven or other device generating electromagnetic waves near the wireless LAN environment. Use the system in a place away from microwave ovens or others device generating electromagnetic waves. Avoid using devices generating electromagnetic waves as much as possible when using the system with the wireless LAN.

→ Multiple wireless devices are connected to the wireless LAN router. When connecting multiple wireless devices, their IP addresses must be changed.

→ Wireless LAN connections cannot be established between the player and base receiver (wireless LAN router, etc.). The player

must be set in order to establish wireless LAN connections. See _Connecting using wireless LAN_ on page 12.

→ The IP address settings of the player does not match the settings of the wireless LAN router, etc. Check the IP address settings of the player (including the DHCP setting). If the player's DHCP setting is on, turn the player's power off, then turn the power back on. Check that the IP address of the player matches the settings of the wireless LAN router, etc. If the player's DHCP setting is off, set an IP address matching the network of the base receiver (wireless LAN router, etc.). For example, if the wireless LAN router's IP address is "192.168.1.1", set the player's IP address to "192.168.1.XXX" (*1), the subnet mask to "255.255.255.0", the gateway and DNS to "192.168.1.1".
*1) Set the "XXX" in "192.168.1.XXX" to a number between 2 and 248 that is not assigned to other devices.

→ The access point is set to conceal the SSID. In this case, the SSID may not be displayed on the access point list screen. If not, set the SSID, etc., by making the wireless LAN settings on the player manually.

→ The access point's security settings use WEP 152-bit length code key or shared key authentication. The player does not support WEP 152-bit length code key or shared key authentication.

→ The SSID only supports use of single-byte alphanumeric characters, together with the underbar and certain other symbols. If using another character coding, the SSID must be updated before making network settings. For more details regarding SSID, consult your router's operating instructions.

## Setting quick start mode

Quick start mode significantly reduces the time required for startup. It also allows the unit to power on automatically using AirPlay, DLNA and Spotify application. Follow the steps below to turn on quick start mode. Power consumption increases when set to quick start mode when compared to regular standby mode.

**1** **Press NET SERVICE, then press SETUP on the remote control.**
The **Initial Setup** screen is shown on the display.

**2** **Select 'Option Setting' from Initial Setup menu.**

**3** **Select 'Power Off Setting' from Option Setting menu.**

**4** **Select 'Quick Start Mode' from Power Off Setting menu.**

**5** **To turn Quick Start Mode on, Use ⬆/⬇ to select ON, then press ENTER.**
**To turn Quick Start Mode off, Use ⬆/⬇ to select OFF, then press ENTER.**

## Firmware Update

Use this procedure to update the player's software. You can update the software via a USB storage device.

Updating via a USB storage device is performed by downloading the update file from a computer, reading this file onto a USB storage device then inserting the USB storage device into the USB port on the player's front panel.

If an update file is provided on the Pioneer website, download it onto your computer. When downloading an update file from the Pioneer website onto your computer, the file will be in ZIP format. Unzip the ZIP file before saving it on the USB storage device. If there are any old downloaded files or downloaded files for other models on the USB storage device, delete them.

### ⚠ Important

- DO NOT unplug the power cord during updating.
- When updating via a USB storage device, do not disconnect the USB storage device.

**1** **Press iPod/USB to select iPod/USB as the input source.**
**iPod/USB** is shown on the display.

**2** **Press SETUP.**
The **Initial Setup** screen is displayed on the display.

**3** **Select Option Setting → Firmware Update → Start, then press ENTER.**

```
        Firmware Update
    Start
    Cancel
```
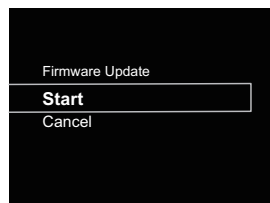
**4** **To update, select OK.**
The updating screen appears and updating starts.
The player will reboot when the update is completed, and the display will show the input function before the update.

### Firmware Update messages

| Status messages | Description |
|---|---|
| **File Not Found.** | No update file was found on the USB storage device. Store the file in the USB storage device's root directory. |

### Firmware Update using Web browser

You can update this player's firmware via Web browser. Download the latest firmware at Pioneer website.

**1** **Be sure this player and your computer are connected to the same wired or wireless network.**

**2** **Launch Web browser on your computer.**

**3** **Display the Network Setup menu.**

**For Safari**

Press Bookmark icon (⬚). Click Bonjour list (a), and then select this player's name ("Friendly Name") (b) in Bookmark.

If Bonjour list is not displayed, access the IP address "http://(the player's IP address)" from Safari.

### ⚠ Note

- The displayed name will change depending on the product being used.
N-P01 *****, XN-P02 ***** or XN-P02DAB ***** will be displayed. ("*****" is the lower three bytes of the MAC address.)

**Other than Safari**
Enter "http://(the player' IP address)" into your web browser's address bar.

### ⚠ Note

- Confirm the player's IP address as follows:
1. Press **NET SERVICE → SETUP**.
2. Select System Info.
3. Confirm the IP field.

**4** **Click Network Setup → Firmware Update.**
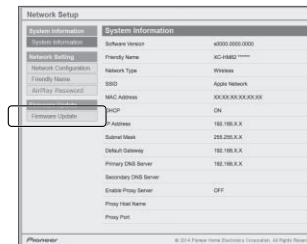
**5** **Press Start.**
The firmware update prepare screen is displayed. If the screen does not switch automatically, click **Click here**.

**6 Browse the latest firmware on your computer (a) and then press Upload (b).**

The confirmation screen is displayed. If you continue the firmware update, press **Yes**. Once the firmware update process starts, you can't stop it. Wait until the file is uploaded (about one minute may be required depending on your LAN connection environment).



**7 The firmware upload status screen is displayed. Press Ok.**

"The upload process finished successfully." will be shown when the update is completed.
Unplug the the power cord from the AC outlet after the update is completed.



### Note
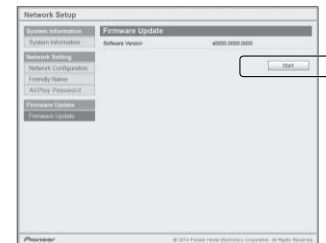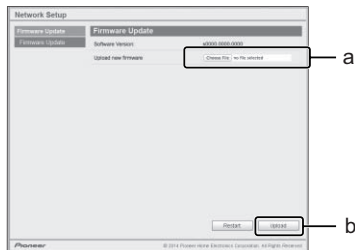• This setting for the network has been confirmed for Mac OS X 10.7 and Safari 5.1.

## Resetting this player
Use this procedure to reset all player settings to the factory default.

### Important
• Disconnect all components connected to this player before the operation.

**1 Press NET SERVICE → SETUP.**
The **Initial Setup** screen is displayed on the display.

**2 Use ↑/↓ to select Factory Reset.**

**3 Select Start.**
"Reset?" screen appears. Press **ENTER** to reset the system.
All the settings will be reset to the factory default next time the player is turned on.

## Cautions on use

### When moving this player
When moving this player, be sure to first disconnect the iPod/iPhone/iPad, USB storage device, LAN cable or any other equipment connected to the player. Then press ⏻ **NETWORK**, wait for the power indicator on the front panel display to turn off, then unplug the power cord. Damage may occur if the player is transported, or when another device is connected to the iPod/iPhone connector port, **USB**, **LAN (10/100)** terminals.

### Place of installation
Choose a stable place near the TV or stereo system being used with this player. Do not place this player on top of a TV or color monitor. Also install it away from cassette decks and other devices easily affected by magnetic forces.

## Avoid the following locations:
• Places exposed to direct sunlight
• Humid or poorly ventilated places
• Extremely hot places
• Places exposed to vibrations
• Places in which there is much dust or cigarette smoke
• Places exposed to soot, steam or heat (kitchens, etc.)

### Do not place objects on this player.
Do not place any objects on top of this player.

### Do not obstruct the ventilation holes.
Do not use this player on shaggy rugs, beds, sofas, etc., or wrapped in cloth, etc. Doing so will prevent the heat from dispersing, leading to damage.

### Do not expose to heat.
Do not place this player on top of an amplifier or other component that generates heat. When rack mounting it, to avoid the heat given off by the amplifier or other audio component, place it on a shelf below the amplifier.

### Cleaning the product
• Unplug the power cord from the power outlet when cleaning this player.
• Clean this player using a soft cloth. For tough dirt, apply some neutral detergent diluted in 5 to 6 parts water to a soft cloth, wring out thoroughly, wipe off the dirt, then wipe again with a soft, dry cloth.
• Alcohol, thinner, benzene, insecticides, etc., could cause the print or paint to peel off. Also, leaving rubber or vinyl products in contact with this player for long periods of time could mar the cabinet.
• When using chemical-impregnated wipes, etc., read the cautions included with the wipes carefully.

### About copyrights
This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

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## About network playback

The network playback function such as Internet Radio or Music Server of this player uses the following technologies:

### Windows Media Player

See Windows Media Player 11/Windows Media Player 12 on page 29 for more on this.

### DLNA



*DLNA CERTIFIED™ Audio Player*
The Digital Living Network Alliance (DLNA) is a cross-industry organization of consumer electronics, computing industry and mobile device companies. Digital Living provides consumers with easy sharing of digital media through a wired or wireless network in the home.

The DLNA certification logo makes it easy to find products that comply with the DLNA Interoperability Guidelines. This player complies with DLNA Interoperability Guidelines v1.5.

When a computer running DLNA server software or other DLNA compatible device is connected to this player, some setting changes of software or other devices may be required. Please refer to the operating instructions for the software or device for more information.

*DLNA™, the DLNA Logo and DLNA CERTIFIED™ are trademarks, service marks, or certification marks of the Digital Living Network Alliance.*

## Content playable over a network

- Even when encoded in a compatible format, some files may not play correctly.
- Movie or Photo files cannot be played back.
- There are cases where you cannot listen to an Internet radio station even if the station can be selected from a list of radio stations.
- Some functions may not be supported depending on the server type or version used.
- Supported file formats vary by server. As such, files not supported by your server are not displayed on this player. For more information check with the manufacturer of your server.

## Disclaimer for Third Party Content

Access to content provided by third parties requires a high speed internet connection and may also require account registration and a paid subscription.

Third party content services may be changed, suspended, interrupted, or discontinued at any time without notice, and Pioneer disclaims any liability in connection with such occurrences.

Pioneer does not represent or warrant that content services will continue to be provided or available for a particular period of time, and any such warranty, express or implied, is disclaimed.

## About playback behavior over a network

- Playback may stall when the computer is switched off or any media files stored on it are deleted while playing content.
- If there are problems within the network environment (heavy network traffic, etc.) content may not be displayed or played properly (playback may be interrupted or stalled). For best performance, a 100BASE-TX connection between player and computer is recommended.
- If several clients are playing simultaneously, as the case may be, playback is interrupted or stalled.
- Depending on the security software installed on a connected computer and the setting of such software, network connection may be blocked.

Pioneer is not responsible for any malfunction of the player and/or the Music Server features due to communication error/malfunctions associated with your network connection and/or your computer, or other connected equipment. Please contact your computer manufacturer or Internet service provider.

*Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.*

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## Authorizing this player

In order to be able to play with Music Server, this player must be authorized. This happens automatically when the player makes a connection over the network to the computer. If not, please authorize this player manually on the computer.

The authorization (or permission) method for access varies depending on the type of server currently being connected. For more information on authorizing this player, refer to the instruction manual of your server.

## Apple Lossless Audio Codec

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## FLAC

FLAC Decoder

*Copyright c 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Josh Coalson*

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## About playable music file formats

The USB and Music Server function of this player supports the following music file formats.

- Note that some file formats are not available for playback although they are listed as playable file formats. Also, the compatibility of file formats varies depending on the type of server. Check with your server to ensure the compatibility of file formats supported by your server.
- Internet radio playback may be affected by the Internet communications environment, and in this case playback may not be possible even with the file formats listed here.
- With MP3, WAV, AAC, FLAC, AIFF and Apple Lossless files, when music files with the same format, sampling frequency, quantization bit number and number of channels are played successively, they are played with no gap.
  - Make sure the gap is at the minimum when using MP3 or AAC. If you are concerned about the gap, please use WAV or FLAC files.
  - Gapless playback is not possible when the format is being converted (transcoded) by the server.
  - Gapless playback is not possible in the DMR mode.

| Category | Extension | Stream | | |
|---|---|---|---|---|
| **MP3**[a] | .mp3 | MPEG-1/2 Audio Layer-3 | Sampling frequency | 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit |
| | | | Channel | 2 ch |
| | | | Bitrate | 8 kbps to 320 kbps |
| | | | VBR/CBR | Supported/ Supported |

| Category | Extension | Stream | | |
|---|---|---|---|---|
| **WAV** | .wav | LPCM | Sampling frequency | **USB**/**Music Server** (**Wired**): 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz |
| | | | | **Music Server** (**Wireless**): 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit, 24 bit |
| | | | Channel | 2 ch |
| **WMA** | .wma | WMA2/7/ 8/9[b] | Sampling frequency | 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit |
| | | | Channel | 2 ch |
| | | | Bitrate | 5 kbps to 320 kbps |
| | | | VBR/CBR | Supported/ Supported |
| **AAC** | .m4a .aac | MPEG-4 AAC LC MPEG-4 HE AAC (aacPlus v1/2) | Sampling frequency | 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit |
| | | | Channel | 2 ch |
| | | | Bitrate | 16 kbps to 320 kbps |
| | | | VBR/CBR | Supported/ Supported |

| Category | Extension | Stream | | |
|---|---|---|---|---|
| **Apple Lossless** | .m4a .mp4 | Apple Lossless | Sampling frequency | **USB**/**Music Server** (**Wired**): 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz |
| | | | | **Music Server** (**Wireless**): 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit, 24 bit |
| | | | Channel | 2 ch |
| **FLAC**[c] | .flac | FLAC | Sampling frequency | **USB**/**Music Server** (**Wired**): 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz |
| | | | | **Music Server** (**Wireless**): 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit, 24 bit |
| | | | Channel | 2 ch |
| | | | Bitrate | — |
| **AIFF** | .aiff .aif | AIFF | Sampling frequency | **USB**/**Music Server** (**Wired**): 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz |
| | | | | **Music Server** (**Wireless**): 32 kHz, 44.1 kHz, 48 kHz |
| | | | Quantization bitrate | 16 bit, 24 bit |
| | | | Channel | 2 ch |

| Category | Extension | Stream | | |
|---|---|---|---|---|
| **DSD** | .dff .dsf | DSDIFF DSF | Sampling frequency | **USB**/**Music Server** (**Wired**): 2.8224 MHz |
| | | | | **Music Server** (**Wireless**): No |
| | | | Quantization bitrate | **USB**/**Music Server** (**Wired**): 1 bit |
| | | | | **Music Server** (**Wireless**): No |
| | | | Channel | **USB**/**Music Server** (**Wired**): 2 ch |
| | | | | **Music Server** (**Wireless**): No |

**a** "MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia."
**b** Files encoded using Windows Media Codec 9 may be playable but some parts of the specification are not supported; specifically, Pro, Lossless, Voice.
**c** Uncompressed FLAC files are not supported. Pioneer does not guarantee playback.

## About iPod/iPhone/iPad

Made for
📟 iPod 📱 iPhone ▢ iPad

AirPlay

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

USB works with iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPhone 3GS, iPad Air, iPad (3rd and 4th generation), iPad 2, iPad mini with Retina Display, iPad mini, iPod touch (1st through 5th generation) and iPod nano (3rd through 7th generation).

AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later.

*Apple, AirPlay, iPad, iPhone, iPod, iPod nano, iPod shuffle, iPod touch, Retina, iTunes, Safari, Bonjour, Mac, Mac OS and OS X are trademarks of Apple Inc., registered in the U.S. and other countries.*

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*The AirPlay logo is a trademark of Apple Inc.*

*App Store is a service mark of Apple Inc.*

## About aptX

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## About Wi-Fi®

The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.

The Wi-Fi Protected Setup Indentifer Mark is a mark of the Wi-Fi Alliance.

## About Spotify

The Spotify software is subject to third party licenses found here:
www.spotify.com/connect/third-party-licenses

# 9 Control and display (Stereo receiver: SX-P01, SX-P01DAB)

How to use the stereo receiver (SX-P01, SX-P01DAB) supplied with the XN-P02 and XN-P02DAB.

## Front panel

### Stereo receiver
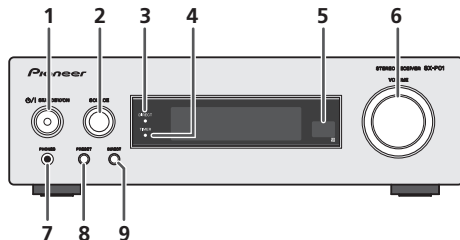


**1 ⏻/I STANDBY/ON**
Press to turn on and off the stereo receiver (page 44).

**2 SOURCE**
Use to select the input source for the stereo receiver (page 45).

**3 DIRECT indicator**
Lights when the DIRECT function is on (page 45).

**4 TIMER indicator**
Lights when the timer is set (page 46).

**5 Remote sensor**
Receives signals from the remote control.

**6 VOLUME control**
Use to set the listening volume (page 44).

**7 PHONES (headphone) socket**
Connect headphones. When the headphones are connected, there is no sound output from the speakers (page 45).

**8 PRESET**
Use to select preset radio stations (page 47).

**9 DIRECT**
Use to listen to the sound source in the original sound quality (page 45).

# 10 Connecting your equipment (Stereo receiver: SX-P01, SX-P01DAB)

## Connecting your equipments (XN-P02, XN-P02DAB only)

Before making or changing the connections, turn off the power and disconnect the power cord from the AC outlet.



Right speaker

Monaural mini-plug cord (without resistor)

To CONTROL OUT socket of other Pioneer component

SX-P01

FM wire antenna

SX-P01DAB: Connect the DAB/FM wire antenna to the DAB/FM socket.

SPEAKERS

Left speaker

AC IN

Wall socket (AC 220 V to 230 V, 50 Hz)

## Antenna connection

### Supplied FM wire antenna (SX-P01), DAB/FM wire antenna (SX-P01DAB):

Connect the supplied FM wire antenna or DAB/FM wire antenna to the FM socket or DAB/FM socket, and position the wire antenna in the direction where the strongest signal can be received.

### External FM wire antenna:

Use an external FM wire antenna (75 ohms coaxial cable) for better reception. When an external FM wire antenna is used, disconnect the supplied FM wire antenna.

### ✎ Note

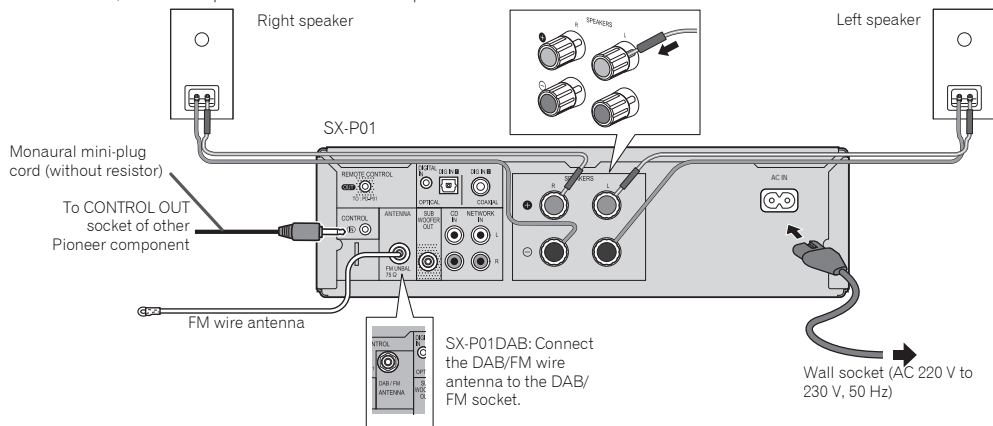• Placing the wire antenna on the unit or near the AC power lead may cause noise pickup. Place the wire antenna away from the unit for better reception.

## Speaker connection

Use speakers with an impedance of 4 ohms as lower impedance speakers can damage the unit.

**1** Loosen the knobs of the speaker output terminals.

**2** Insert the speaker cable wires into each of the terminal post holes (positive (+) cable to the red knob, and negative (–) cable to the black knob), then tighten the knobs.

**3** Connect the other ends of the cables to the terminals of speakers (make sure the positive and negative (+/–) terminals on the speakers match those on the stereo receiver).

## ⚠ CAUTION

• These speaker terminals carry **HAZARDOUS LIVE voltage**. To prevent the risk of electric shock when connecting or disconnecting the speaker cables, disconnect the power cord before touching any uninsulated parts.
• Do not mistake the right and the left channels. The right speaker is the one on the right side when you face the unit.
• Do not let the bare speaker wires touch each other.
• Make sure that all the bare speaker wire is twisted together and inserted fully into the speaker terminal. If any of the bare speaker wire touches the back panel, it may cause the power to cut off as a safety measure.

## Using other subwoofer

You can connect a subwoofer with an amplifier to the SUBWOOFER OUT socket.

Audio cable (commercially available)

Stereo receiver (SX-P01 for example)

To audio input socket

To SUBWOOFER OUT socket

Commercially available subwoofer (amplifier built in)
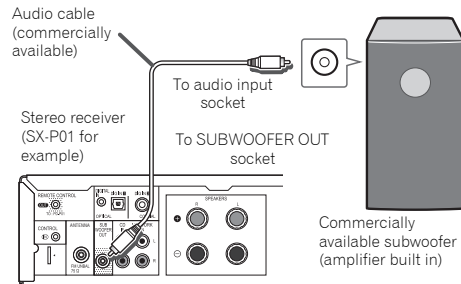
#### Note

• No sound is output from the subwoofer without a built-in amplifier.

## Connecting a network audio player (N-P01)

Connect the stereo receiver (SX-P01, SX-P01DAB) and network audio player (N-P01) using the supplied remote control cable and RCA audio cable.

N-P01

SX-P01 or SX-P01DAB

#### Note

• To select **NETWORK** input;
On remote control: Press the **NETWORK**.
On stereo receiver: Turn the **SOURCE** knob until **NETWORK** is displayed in the front panel display.
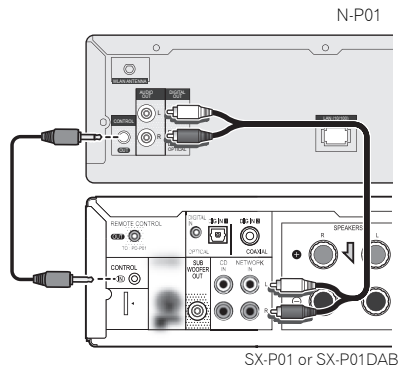• When the stereo receiver (SX-P01, SX-P01DAB) and network audio player (N-P01) are connected using the remote control cable, the stereo receiver remote control signal receiver will not function. Point the remote control at the remote control signal receiver on the network audio player.
• When connecting to the control connector, you must also connect the audio cable (analog connection). Only connecting to the control connector will not allow for correct system control.
• Connecting the remote control cable will allow the Pioneer ControlApp to be used, providing simple control over the stereo receiver (SX-P01, SX-P01DAB) via the network audio player (N-P01). Refer to page 31 for details of the Pioneer ControlApp.
• If the network audio player's quick start setting is Off then you will be unable to control the stereo receiver or CD player.
Turn the network audio player's quick start setting On and you will be able to control them.

## Connecting digital audio device

You can connect a digital audio device to the stereo receiver using an optical or coaxial cable (commercially available).

Optical cable (commercially available)

Digital audio device

Digital audio device

Coaxial cable (commercially available)
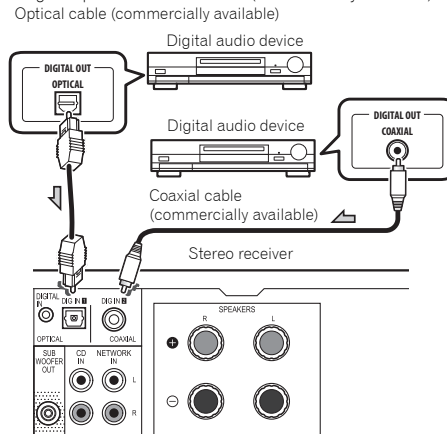
Stereo receiver

#### Note

• To select digital input;
On remote control: Press the **DIG IN 1/2** button repeatedly until **DIGITAL IN 1** (for optical input) or **DIGITAL IN 2** (for coaxial input) is displayed in the front panel display.
On stereo receiver: Turn the **SOURCE** knob until **DIGITAL IN 1** (for optical input) or **DIGITAL IN 2** (for coaxial input) is displayed in the front panel display.
• Digital signal formats that can be input to the stereo receiver include linear PCM signals with sampling rate and quantitative bits up to 192 kHz/24 bits. (Depending on the connected device and environment, operation may not be successful.)
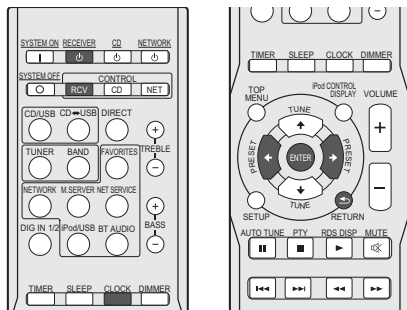
## To turn the power on

Press the **I SYSTEM ON** button on the remote control to turn on both of the stereo receiver and network audio player.

## To turn on the stereo receiver only:

Press the ⏻ **RECEIVER** button on the remote control or the ⏻/ **I STANDBY/ON** button on the stereo receiver.

## Setting the clock



In this example, the clock is set to the 24-hour (0:00) display.

**1** **Turn on the stereo receiver.**
Refer to _To turn the power on_ above for details.

**2** **Press the CONTROL RCV button on the remote control.**

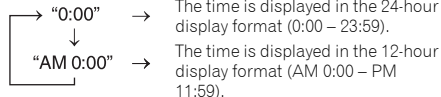**3** **Press the CLOCK button on the remote control.**
The current day and time are displayed.
The default setting (Sun 0:00) is displayed when the first time you set the clock.

**4** **Press ENTER button.**

**5** **Use ←/→ to set the day, then press ENTER.**

**6** **Use ←/→ to select 24-hour or 12-hour display, then press ENTER.**

"0:00" → The time is displayed in the 24-hour display format (0:00 – 23:59).
↓
"AM 0:00" → The time is displayed in the 12-hour display format (AM 0:00 – PM 11:59).

**7** **Use ←/→ to set the hour, then press ENTER.**

**8** **Use ←/→ to set the minute, then press ENTER to confirm.**

### ⏸ Note

• Press the **CLOCK** or **RETURN** button to exit the setting mode without setting the clock.

### To confirm the time display:

Press the **CLOCK** button. The current time and day are displayed in the front panel display of the stereo receiver for 5 seconds.

### ⏸ Note

• The current time and day display is canceled if;
  – the volume is adjusted.
  – the **SETUP**, **BASS +/–**, **TREBLE +/–**, **DIRECT**, or **SLEEP** button is pressed.
  – the stereo receiver is turned off.
  – the input source for the stereo receiver is changed.

### To readjust the clock:

Perform "Setting the clock" from step 1.

### ⏸ Note

• If the AC power cord of the stereo receiver is disconnected from the wall socket, the clock setting is cleared. Set the clock.

### To change the 24-hour or 12-hour display:

**1** **Clear all the programmed contents.**
Refer to for details.

**2** **Perform "Setting the clock" from step 1 onwards.**

## General functions
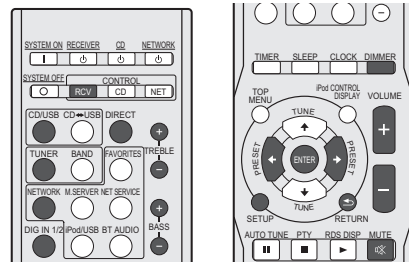


### Display brightness control

Press the **CONTROL RCV** button on the remote control.
Press **DIMMER** button to dim the display brightness. The brightness can be controlled in four steps.

### Volume control

Press the **VOLUME +/–** on the remote control to increase or decrease volume, or turn the **VOLUME** knob on the stereo receiver to the right to increase volume, and to the left to decrease the volume.

### ⚠ CAUTION

• The sound level at a given volume setting depends on speaker efficiency, location, and various other factors. It is advisable to avoid exposure to high volume levels. Do not turn the volume on to full at switch on. Listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.

### ⏸ Note

• If you turn off and on the stereo receiver with the volume set to 61 or higher, the volume starts at 60.
• When the DIRECT function is off, the volume can be set from minimum to 60.

## Muting

The volume is muted temporarily when pressing the **MUTE** button on the remote control. Press again to restore the volume.

## DIRECT function

Press the **DIRECT** button on the remote control or on the stereo receiver to listen to the sound source in the original sound quality. The **DIRECT** indicator lights in the front panel display of the stereo receiver when the DIRECT function is on. Press the **DIRECT** button again to cancel the DIRECT function.

### ⤶ Note

• If the DIRECT function is turned off when the volume is set to 61 or higher, the volume is automatically set to 60.

## Bass control

Press the **BASS +** button on the remote control to emphasize the bass, and the **BASS–** button to de-emphasize it.

### ⤶ Note

• This function is not available when the DIRECT function is on.

## Treble control

Press the **TREBLE +** button on the remote control to emphasize the treble, and the **TREBLE–** button to de-emphasize it.

### ⤶ Note

• This function is not available when the DIRECT function is on.

## Input selection

The input source for the stereo receiver can be selected by pressing each input selection button (**CD**/**USB**, **TUNER**, **NETWORK**, and **DIG IN 1/2**) on the remote control, or turning the **SOURCE** knob on the stereo receiver.

### ⤶ Note

• If pressing the **INPUT** button on the remote control repeatedly or turning the **SOURCE** knob on the stereo receiver to the right, the input source is switched in the following order.

```
CD/USB  ⟶   TUNER   ⟶  NETWORK
   ↑                          ↓
DIGITAL IN 2  ⟵   DIGITAL IN 1
```
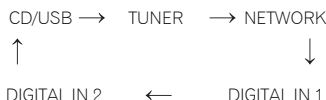
If turning the **SOURCE** knob to the left, the order is reversed.

• The backup function will memorize the input mode and restore it in case of a power failure or that the AC power cord is disconnected.

## Headphones

Plug headphones (commercially available) into the PHONES socket on the stereo receiver.
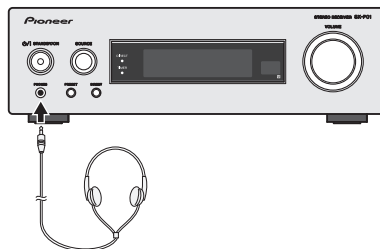


• Do not turn the volume on to full at switch on and listen to music at moderate levels. Excessive sound pressure from earphones and headphones can cause hearing loss.
• Before plugging in or unplugging the headphone, reduce the volume.

• Be sure your headphone has a 3.5 mm diameter plug and impedance between 16 and 50 ohms. The recommended impedance is 32 ohms.
• Plugging in the headphone disconnects the speakers automatically.

## Auto power down setup

The unit turns off automatically if no operations are performed for specified period of time.

• Default setting: 6H

**1** Press the CONTROL RCV button on the remote control.

**2** Press the SETUP button.

**3** Press ←/➡ to specify the amount of time.
You can select 2, 4 or 6 hours, or off (if no automatic shutoff is desired).

**4** Press the ENTER button.

### ⤶ Note

• Press the **RETURN** button to exit the setting mode without setting the auto power down function.

### ⚠ CAUTION

• If setting the auto power down for the stereo receiver, both of the stereo receiver and CD player are automatically turned off after the specified period of time has elapsed. If setting the auto power down for the CD player, only the CD player is automatically turned off after the specified period of time has elapsed.

## Timer and sleep operation
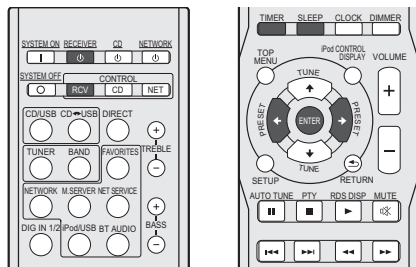


### Setting the wake-up timer

**Timer playback:**
The unit turns on and plays the desired source (**CD**, **DAB** (SX-P01DAB only), **TUNER PRESET**, **NETWORK**, **DIGITAL IN 1**, or **DIGITAL IN 2**) at a preset time.

**Before setting timer:**
• Check that the clock is set to the correct time (*Setting the clock* on page 44). If it is not set, you cannot use the timer function.
• For timer playback: Load a disc to be played.

**1** Turn on the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the TIMER button.

**4** Press ←/➡ button to select 'Timer Set' within ten seconds, then press ENTER.
When setting the wake-up timer for the first time, only 'Timer Set' is available.

**5** Select the source you want to play.
Use ←/➡ button to select **CD**, **DAB** (SX-P01DAB only), **TUNER PRESET**, **NETWORK**, **DIGITAL IN 1**, or **DIGITAL IN 2**.

**6** Press ENTER.
If **TUNER PRESET** is selected in step 5, use ←/➡ button to select a preset.

**7** Set the day(s) of the week.
Use ←/➡ button to choose the day(s).
The timer can be set as follows.

| | | |
|---|---|---|
| EVERYDAY | SUNDAY | MONDAY |
| TUESDAY | WEDNESDAY | THURSDAY |
| FRIDAY | SATURDAY | MON-FRI |
| TUE-SAT | SAT-SUN | |

**8** Press ENTER.

**9** Set the switch-on time.
Use ←/➡ button to set the hour, then press **ENTER**.
Set the minute in the same way, and then press **ENTER**.

**10** Set the switch-off time.
Set as above, and then press **ENTER**.

**11** Use ←/➡ button to set the volume.
The volume level that can be set for the wake-up timer is up to 60.

**12** Press ENTER.
The **TIMER** indicator lights, and the settings can be confirmed in the front panel display of the stereo receiver.

**13** Turn off the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

### Turning the wake-up timer on/off

If you have already set the wake-up timer, you can switch it on/off.

**1** Turn on the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the TIMER button.

**4** Press ←/➡ button to select 'Timer On' or 'Timer Off' within ten seconds, then press ENTER.
When '**Timer On**' is selected, the timer indicator lights, and the settings can be confirmed in the front panel display of the stereo receiver.

**5** When 'Timer On' is selected, turn off the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

### Reusing the memorised timer setting

The timer setting will be memorised once it is entered. To reuse the same setting, perform the following operations.

**1** Turn on the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the TIMER button.

**4** Press ←/➡ button to select 'Timer Call' within ten seconds, then press ENTER.
The **TIMER** indicator lights, and the settings can be confirmed in the front panel display of the stereo receiver.

### Sleep operation

Press **SLEEP** to change the amount of time before the stereo receiver switches into standby (30 min. – 60 min. – 90 min. – Off).

• When the sleep timer is set, "🌙" is displayed in the front panel display of the stereo receiver.
• You can check the remaining sleep time at any time by pressing **SLEEP** once.

**46**

## Tuning to a FM radio station

Tune to FM radio broadcasts using the automatic (search) and manual (step) tuning functions. Once you are tuned to a station, you can memorize the frequency for recall later.
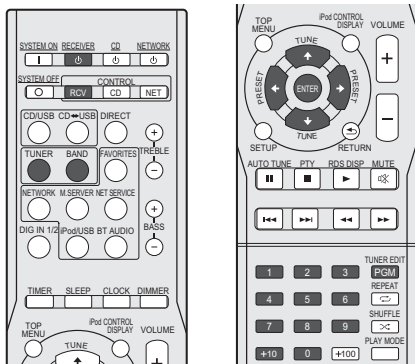


**1 Turn on the stereo receiver.**

Refer to *To turn the power on* on page 44 for details.

**2 Press the TUNER button on the remote control to select the TUNER input.**

You can also select the TUNER input by turning the **SOURCE** knob on the stereo receiver.

**3 Press the CONTROL RCV button on the remote control.**

**4 Press the BAND button to change the band, if necessary.**

SX-P01: Each press switches the band between FM stereo and FM mono.

SX-P01DAB: Each press switches the band between FM (stereo or mono) and DAB (for details on DAB, see *Listening to the DAB (XN-P02DAB only)* on page 49).

**5 Tune to a station.**

**Automatic tuning**

To search for stations in the currently selected band, press and hold **TUNE ↑/↓** for about a second. The stereo receiver will start searching for a station, and stop when it has found one. Repeat to search for other stations.

**Manual tuning**

To change the frequency one step at a time, press **TUNE ↑/↓**.

**High speed tuning**

Press and hold **TUNE ↑/↓** for high speed tuning. Release the button at the frequency you want.

⊤ – Lights when a normal broadcast channel.

⊤ – Lights when a stereo FM broadcast is being received in auto stereo mode.

## Improving FM sound

If the ⊤ or ⊤ indicator does not light when tuning to an FM station because the signal is weak, set the stereo receiver to the mono reception mode.

**1 Press the CONTROL RCV button on the remote control.**

**2 Press BAND to select FM MONO.**

This should improve the sound quality and allow you to enjoy the broadcast.

## Saving station presets

If you often listen to a particular radio station, it is convenient to have the stereo receiver store the frequency for easy recall whenever you want to listen to that station. This saves the effort of manually tuning in each time. This unit can memorize up to 40 stations.

**1 Tune to a station you want to memorize.**

See *Tuning to a FM radio station* above for more on this.

**2 Press the CONTROL RCV button on the remote control.**

**3 Press TUNER EDIT.**

The preset number is blinking.

**4 Press PRESET ←/→ to select a station preset number.**

You can also use the numeric buttons.

**5 Press ENTER.**

The preset number stops blinking and the stereo receiver stores the station.

### ✐ Note

- If the stereo receiver is left disconnected from the AC power outlet for over a month, the station memories will be lost and will have to be reprogrammed.
- Stations are stored in stereo. Even if the station is stored in the FM MONO mode, ⊤ is displayed when recalled.

## Listening to station presets

Preset stations beforehand. See *Saving station presets* above if stations have not been preset.

**1 Press the CONTROL RCV button on the remote control.**

**2 Press PRESET ←/→ to select the station preset you want.**

You can also use the numeric buttons or the **PRESET** button on the stereo receiver.

## Naming preset stations

For easier identification, you can name all of your preset stations.

**1 Choose the station preset you want to name.**

See *Listening to station presets* above for how to do this.

**2 Press the CONTROL RCV button on the remote control.**

**3 Press TUNER EDIT twice.**

The cursor at the first character position blinks on the display.

**4 Input the name you want.**

Choose a name up to eight characters long.

- Use ←/→ to select character position.
- Use ↑/↓ to select characters.
- The name is stored when **ENTER** is pressed.

## Introduction to RDS

Radio Data System (RDS) is a system used by most FM radio stations to provide listeners with various kinds of information—the name of the station and the kind of show they are broadcasting, for example.

One feature of RDS is that you can search by type of program. For example, you can search for a station that is broadcasting a show with the program type, **JAZZ**.

You can search the following program types:

**NEWS** – News

**AFFAIRS** – Current affairs

**INFO** – General information

**SPORT** – Sport

**EDUCATE** – Educational

**DRAMA** – Radio plays, etc.

**CULTURE** – National or regional culture, theater, etc.

**SCIENCE** – Science and technology

**VARIED** – Usually talk-based material, such as quiz shows or interviews.

**POP M** – Pop music

**ROCK M** – Rock music

**EASY M** – Easy listening

**LIGHT M** – 'Light' classical music

**CLASSICS** – 'Serious' classical music

**OTHER M** – Music not fitting above categories

**WEATHER** – Weather reports

**FINANCE** – Stock market reports, commerce, trading, etc.

**CHILDREN** – Programs for children

**SOCIAL** – Social affairs

**RELIGION** – Programs concerning religion

**PHONE IN** – Public expressing their views by phone

**TRAVEL** – Holiday-type travel rather than traffic announcements

**LEISURE** – Leisure interests and hobbies

**JAZZ** – Jazz

**COUNTRY** – Country music

**NATION M** – Popular music in a language other than English
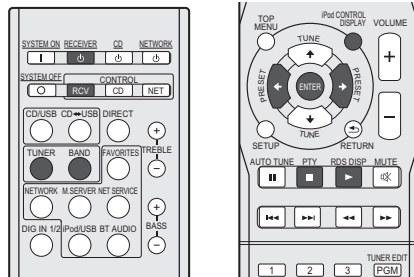
**OLDIES** – Popular music from the '50s and '60s

**FOLK M** – Folk music

**DOCUMENT** – Documentary

### ✍ Note

• In addition, there are three other program types, **ALARM**, **ALARMTST**, and **NO TYPE**. **ALARM** and **ALARMTST** are used for emergency announcements. 'NO TYPE' appears when a program type cannot be found.



## Searching for RDS programs

You can search for a program type listed above.

**1**   Turn on the stereo receiver.

Refer to _To turn the power on_ on page 44 for details.

**2**   Press the TUNER button on the remote control to select the TUNER input.

You can also select the TUNER input by turning the **SOURCE** knob on the stereo receiver.

**3**   Press the CONTROL RCV button on the remote control.

**4**   Press the BAND button to select the FM band.

RDS is only possible in the FM band.

**5**   Press PTY.

**6**   Press PRESET ←/→ to select a program type.

**7**   Press ENTER to search for the program type.

The system starts searching through the station presets for a match, and stops when it finds one. Repeat to search for other stations.

If "NO PTY" is displayed it means the tuner could not find that program type at the time of the search.

• RDS searches station presets only. If no stations have been preset, or if the program type could not be found among the station presets "NO PTY" is displayed. "FINISH" means the search is complete.

## Displaying RDS information

Use the **RDS DISP** or **DISPLAY** button to display the different types of RDS information available.

**1**   Press the RDS DISP button on the remote control.

**2**   Press the RDS DISP or DISPLAY button for RDS information.

Each press changes the display as follows:

• Program Service Name (**PS**) – The name of the radio station.

• Program Type (**PTY**) – This indicates the kind of program currently being broadcast.

• Radio Text (**RT**) – Messages sent by the radio station. For example, a talk radio station may provide a phone number as RT.
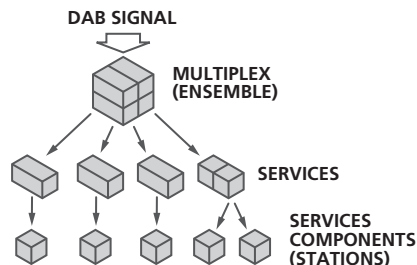
• Current tuner frequency (**FREQ**)

### ✍ Note

• If any noise is picked up while displaying the RT scroll, some characters may be displayed incorrectly.

• If you see "NO TEXT" in the RT display, it means no RT data is sent from the broadcast station. If no PS data, "NO NAME" is displayed.

• In the PTY display, "NO PTY" may be shown.
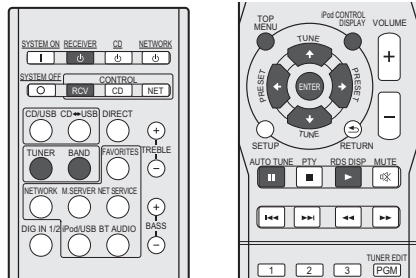
## Listening to the DAB (XN-P02DAB only)

DAB (Digital Audio Broadcasting) is a digital transmission system where audio signals are converted to digital signals for broadcasting.

DAB broadcasts a group of data called multiplex (ensemble) which may contain one or more stations (services). Each station contains a primary service and there may be one or more secondary services.

This allows several programs or services to be transmitted on a single frequency.

**DAB SIGNAL**

**MULTIPLEX (ENSEMBLE)**

**SERVICES**

**SERVICES COMPONENTS (STATIONS)**

## Selecting DAB

**1** Turn on the stereo receiver.
Refer to *To turn the power on* on page 44 for details.

**2** Press the TUNER button on the remote control to select the TUNER input.
You can also select the TUNER input by turning the **SOURCE** knob on the stereo receiver.

**3** Press the CONTROL RCV button on the remote control.

**4** Press the BAND button repeatedly to select "DAB".

```
              DAB
```

Station name

```
       BBC
       News
```
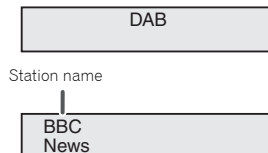
## Using the auto scan function manually

### Using DAB for the very first time

The very first time you use DAB, press the **AUTO TUNE** button to run the Auto Scan.

If a new DAB station is introduced, or you move to a new area, you can run the Auto Scan function again.

**1** Select DAB.
See *Selecting DAB* above for more on this.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the AUTO TUNE button.

```
       DAB
       Scanning...
```
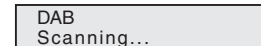
## Selecting DAB stations

**1** Select DAB.
See *Selecting DAB* above for more on this.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the TUNE ⬆/⬇ button to select a DAB service.

```
       BBC
       (BBC5Live)
```

**4** Press the ENTER button to listen to the service.
The station is tuned.
While the primary service is selected, brackets < > are displayed. While the secondary service is selected, brackets ( ) are displayed.

```
       BBC
       (BBC5Live)
```
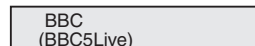
If you select a station that cannot be received properly, "DAB No Tuned" is displayed.

```
       DAB  No  Tuned
```
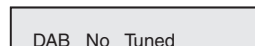
## Displaying DAB radio information

**1** Select DAB.
See *Selecting DAB* on page 49 for more on this.

**2** Press the CONTROL RCV button on the remote control.

**3** Press the RDS DISP or DISPLAY button repeatedly to display information about the selected DAB station.

### Program Type
Displays the type of program.

```
       BBC
       News
```

**SNR (Signal Noise Rate)**
Noise may be generated and reception quality may become poor according to Signal Noise Rate. If reception quality is poor, move the antenna in different directions to find a position where the good rate is displayed.

```
BBC
SNR:100
```

**DLS (Dynamic Label Segment)**
When tuned to a station which is broadcasting DLS text data, the text will scroll across the display.

```
BBC
              All the late
```
← – – – Scroll

**Audio Mode**
Displays the audio mode (stereo or mono).

```
BBC
DAB Stereo
```

**Frequency**
Displays the frequency of the current multiplex.

```
BBC
FREQ:239.200MHz
```

**Multiplex Name**
Displays the name of the current multiplex.

```
BBC
BBC Station
```

**Bitrate**
Displays the bit rate.

```
BBC
BITRATE:192kbps
```

**DAB setup**

**1** Press the CONTROL RCV button on the remote control.

**2** Press the TOP MENU button.

**3** Press the ←/→ button to select the item to be set, then press the ENTER button.
The following settings are available for DAB.

**DRC**
The DRC (Dynamic Range Control) function lets you change the dynamic range of the received sound depending on the content of the broadcast so that the sound is easier to hear even when the volume is low.
Press the ←/→ button to select the following options, and then press the **ENTER** button.
**DRC:Off** : DRC is switched off.
Any DRC level broadcast will be ignored. This is the default setting.
**DRC:On** : Applies DRC level as sent with the broadcast.

**Component Reset**
Deletes all the stations.
While "Reset: Yes?" appears, press the **ENTER** button.

# 13 Additional information (Stereo receiver: SX-P01, SX-P01DAB)

## Troubleshooting chart

Many potential problems can be resolved by the owner without calling a service technician.

If something is wrong with this product, check the following before calling your authorized PIONEER dealer or service centre.

### General

❖ **The clock is not set to the correct time.**
→ Did a power failure occur?
→ Reset the clock. (page 44)

❖ **When a button is pressed, the unit does not respond.**
→ Have you correctly selected the stereo receiver or CD player using the **CONTROL RCV** or **CONTROL CD** button on the remote control before using the function button?
→ Set the unit to the power stand-by mode and then turn it back on.
→ If the unit still malfunctions, reset it. (page 51)

❖ **No sound is heard.**
→ Is the volume level set to "Min"?
→ Is the volume muted?
→ Are the headphones connected?
→ Are the speaker wires disconnected?

### Remote control

❖ **The remote control does not operate.**
→ Is the AC power lead of the unit plugged in?
→ Is the battery polarity correct?
→ Are the batteries dead?
→ Is the distance or angle incorrect?
→ Does the remote control sensor receive strong light?

### Tuner

❖ **The radio makes unusual noises continuously.**
→ Is the unit placed near the TV or computer?
→ Is the FM wire antenna placed properly? Move the wire antenna away from the AC power lead if it is located nearby.

### DAB

❖ **DAB reception is poor.**
→ Check the connections, and adjust the location and position of wire antenna. After that, execute Auto Scan function manually. (page 49)
→ If the reception environment changed by removal, etc., execute Auto Scan function manually. (page 49)

## Condensation

Sudden temperature changes, storage or operation in an extremely humid environment may cause condensation inside the cabinet or on the transmitter on the remote control. Condensation can cause the unit to malfunction. Wipe off any condensation on the transmitter with a soft cloth before operating the unit.

## If problem occurs

When this product is subjected to strong external interference (mechanical shock, excessive static electricity, abnormal supply voltage due to lightning, etc.) or if it is operated incorrectly, it may malfunction.

### If such a problem occurs, do the following:

**1** Set the unit to the stand-by mode and turn the power on again.

**2** If the unit is not restored in the previous operation, unplug and plug in the unit again, and then turn the power on.

✍ **Note**
• If neither operation above restores the unit, clear all the memory by resetting it.

## Factory reset, clearing all memory

**1** **Turn on the unit.**
   Refer to *To turn the power on* on page 44 for details.

**2** **Select the stereo receiver by pressing the CONTROL RCV button on the remote control.**

**3** **Press the SETUP button.**

**4** **Press the ↑/↓ button to select 'Factory Reset'.**

**5** **Press the ENTER button.**

**6** **Press the ←/→ button to select 'RESET OK?'.**

**7** **Press the ENTER button.**
   The stereo receiver is restarted automatically.

⚠ **CAUTION**
• This operation will erase all data stored in memory including clock, timer settings, tuner preset.

## Cleaning the cabinet

Periodically wipe the cabinet with a soft cloth and a diluted soap solution, then with a dry cloth.

⚠ **CAUTION**
• Do not use chemicals for cleaning (petrol, paint thinner, etc.). It may damage the cabinet.
• Do not apply oil to the inside of the unit. It may cause malfunctions.

## Specifications (Network audio player: N-P01)

### Bluetooth section

Version. . . . . . . . . . . . . . . . . . .Bluetooth Specification Ver. 3.0
Output . . . . . . . . . . . . . . . . .Bluetooth Specification Class 2
Estimated line-of-sight transmission distance*
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .About 10 m
Frequency range. . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.4 GHz
Supported Bluetooth profiles. . . . . . . . . . . . . A2DP, AVRCP
Supported Codec . . . . . . .SBC (Subband Codec), AAC, APT-X
* The line-of-sight transmission distance is an estimate. Actual transmission distances supported may differ depending on surrounding conditions.

### Network section (Wired)

LAN terminal. . . . . . . . . . . . . . . . . . . . . . . . . . . Ethernet jack
10BASE-T/100BASE-TX

### Network section (Wireless)

WLAN standards . . . . . . . . . . . . IEEE 802.11b, IEEE 802.11g
Frequency band . . . . . . . . . . . . . . . .2.412 GHz to 2.472 GHz
(2.4 GHz ISM Band, 13 Channels)
Channel 1 to Channel 13
Modulation . . . . . . . . . . 802.11b mode (DS-SS: IEEE 802.11b)
802.11g mode (OFDM: IEEE 802.11g)

### Other connectors

Power supply
  USB connector. . . . . . . . . . . . . . . . . . . . . . . . . . .5 V, 2.1 A
Digital Out. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Optical
Audio Out . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .RCA
Remote Control. . . . . . . . . . . . . . . . . . . . Control, mono mini

### Miscellaneous

Power source . . . . . . . . . . . . . . . . . . .AC 220 V to 230 V, 50 Hz
Power consumption
  Power on. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 20 W
  In standby . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .0.5 W
  In standby (BT Standby on) . . . . . . . . . . . . . . . . . . .0.5 W
  In standby (Quick Start Mode on). . . . . . . . . . . . . .3.0 W
  In standby (BT Standby on, Quick Start Mode on) . . .3.3 W
  Auto Power Down . . . 15 min (default), 30 min, 60 min, off
Dimensions
  Width. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .285 mm
  Height. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .88 mm
  Depth. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .266 mm
Weight. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.1 kg

## Specifications (Stereo receiver: SX-P01, SX-P01DAB)

### Amplifier section

RMS power output. . . . . . . . . . . . . . . . . . . . . . . 75 W + 75 W
(1 kHz, 0.7 % T.H.D., 4 ohms)
Guaranteed speaker impedance . . . . . . . 4 ohms to 16 ohms
Headphones. . . . . . . . . . . . . . . . . . . .recommended: 32 ohms

### Tuner section

SX-P01:
  Frequency range (FM). . . . . . . . . . . 87.5 MHz to 108 MHz
  Antenna input (FM) . . . . . . . . . . . . . 75 ohms unbalanced
SX-P01DAB:
  Frequency range (FM). . . . . . . . . . . 87.5 MHz to 108 MHz
  Frequency range (DAB) . . . .174.928 MHz to 239.200 MHz
(BAND III)
  Antenna input (DAB/FM) . . . . . . . . . 75 ohms unbalanced

### Other connectors

Digital audio input
  Coaxial digital input . . . . . . . . . . . . . . . . . . . . . .RCA jack
  Optical digital input. . . . . . . . . . . . . . . .Optical digital jack

### Miscellaneous

Power source . . . . . . . . . . . . . . . . . .AC 220 V to 230 V, 50 Hz
Power consumption
  Power on . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 48 W
  Power stand-by . . . . . . . . . . . . . . . . . . . . . .0.3 W or less
Dimensions (excluding the foot)
  Width . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .285 mm
  Height. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .88 mm
  Depth . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .287 mm
Weight . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4.1 kg

## Accessories

Remote control . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
AAA size IEC R03 dry cell batteries. . . . . . . . . . . . . . . . . . . . 2
RCA audio cable . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
WLAN antenna . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2
Remote control cable . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Warranty card . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Quick Start Guide . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1
Power cord
These operating instructions (CD-ROM)
FM wire antenna (XN-P02 only)
DAB/FM wire antenna (XN-P02DAB only)

### ⌕ Note

- The specifications are applicable when the power supply is 230 V.
- Specifications and the design are subject to possible modifications without notice, due to improvements.
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## Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

| | |
|---|---|
| Manufacturer:<br>**PIONEER HOME ELECTRONICS CORPORATION**<br>1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan | EU Representative's:<br>**Pioneer Europe NV**<br>Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium<br>**http://www.pioneer.eu** |

[*] N-P01-S, N-P01-K, XN-P02-S, XN-P02-K, XN-P02DAB-S, XN-P02DAB-K

CE

**English:**
Hereby, Pioneer, declares that this [*] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

**Suomi:**
Pioneer vakuuttaa täten että [*] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

**Nederlands:**
Hierbij verklaart Pioneer dat het toestel [*] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG

**Français:**
Par la présente Pioneer déclare que l'appareil [*] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE

**Svenska:**
Härmed intygar Pioneer att denna [*] står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

**Dansk:**
Undertegnede Pioneer erklærer herved, at følgende udstyr [*] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF

**Deutsch:**
Hiermit erklärt Pioneer, dass sich dieses [*] in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMWi)

**Ελληνικά:**
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Pioneer ΔΗΛΩΝΕΙ ΟΤΙ [*] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ

**Italiano:**
Con la presente Pioneer dichiara che questo [*] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

**Español:**
Por medio de la presente Pioneer declara que el [*] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE

**Português:**
Pioneer declara que este [*] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

**Čeština:**
Pioneer tímto prohlašuje, že tento [*] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES

**Eesti:**
Käesolevaga kinnitab Pioneer seadme [*] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

**Magyar:**
Alulírott, Pioneer nyilatkozom, hogy a [*] megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

**Latviešu valoda:**
Ar šo Pioneer deklarē, ka [*] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

**Lietuvių kalba:**
Šiuo Pioneer deklaruoja, kad šis [*] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

**Malti:**
Hawnhekk, Pioneer jiddikjara li dan [*] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC

**Slovenčina:**
Pioneer týmto vyhlasuje, že [*] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

**Slovenščina:**
Pioneer izjavlja, da je ta [*] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

**Română:**
Prin prezenta, Pioneer declara ca acest [*] este in conformitate cu cerintele esentiale si alte prevederi ale Directivei 1999/5/EU.

**български:**
С настоящето, Pioneer декларира, че този [*] отговаря на основните изисквания и други съответни постановления на Директива 1999/5/EC.

**Polski:**
Niniejszym Pioneer oświadcza, że [*] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC

**Norsk:**
Pioneer erklærer herved at utstyret [*] er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

**Íslenska:**
Hér með lýsir Pioneer yfir því að [*] er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC

**Hrvatski:**
Ovime tvrtka Pioneer izjavljuje da je ovaj [*] u skladu osnovnim zahtjevima i ostalim odredbama Direktive 1999/5/EC.

http://www.pioneer.co.uk

http://www.pioneer.eu

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